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A

GENERAL INDEX

TO THE

PHILOSOPHICAL TRANSACTIONS,

FROM THE FIRST TO THE END OF
THE SEVENTIETH VOLUME.

By PAUL HENRY MATY, M.A. F.R.S.

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A N

ALPHABETICAL INDEX

OF THE

M A T T E R

CONTAINED IN THE

PHILOSOPHICAL TRANSACTIONS.

A N

ALPHABETICAL INDEX

TO THE

PHILOSOPHICAL TRANSACTIONS

The first column refers to the Transactions at large, and the other to the Abridgment.

The Roman numbers denote the volume, and the Arabic figures the page.

A B C

A B D

	Transf.	Abridg.
ABCESS. Anatomical observations of an abcess in the liver; a great number of stones in the gall-bag and bilious vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys and a great dilatation of the vena cava - - - <i>Tyson</i>	XII 1035	III 81
ABDOMEN. An account of the dissection of a bitch whose cornua uteri, being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - - -	XIII 183	II 904
— An account of a great quantity of hydatides found in the abdomen - - - <i>Thorpe</i>	XXXI 17	
— An account of a dropsy in the left ovary of a woman aged 58, cured by a large incision made in the side of the abdomen - <i>Houston</i>	XXXIII 8	VII 441
— Extract of two uncommon cases of tumours in the abdomen, from a Latin tract published at Strasburg, anno 1728, and intitled Boecleri etc. ad Exteros Medicos Epistola - <i>Rutty</i>	XXXV 562	— 522
— Case of a woman who had a foetus in her abdomen for nine years - - - <i>Bromfield</i>	XLI 697	IX 191

A

— Case

	Transl.	Abridg.
— Case of a large quantity of matter or water contained in cystis's or bags adhering to the peritonæum, and not communicating with the cavity of the abdomen - - <i>Grabam</i>	XLI 708	IX 187
— An improvement on the practice of tapping, whereby that operation, instead of a relief for symptoms, becomes an absolute cure for an ascites, exemplified in the case of Jane Roman <i>Warrick</i>	XLIII 12	XI 1030
— A Method of conveying liquors into the abdomen, during the operation of tapping <i>Hales</i>	— 20	— 1034
— Further accounts of the success of injecting medicated liquors into the abdomen, in the case of an ascites - - - <i>Warrick</i>	— 47	
— Account of a child being taken out of the abdomen after having lain there upwards of 16 years - - - <i>Myddleton</i>	XLIV 617	XI 1017
— A farther account of some experiments of injecting claret, &c. into the abdomen, after tapping - - - <i>Warrick</i>	XLIX 485	
— Account of an extraordinary scæatomatous tumour in the abdomen of a woman - <i>Hanley</i>	LXI 131	
ABERRATION of the light of the fixed stars discovered - - - <i>Bradley</i>	XXXV 637	IV 149
— Of light refracted at spherical surfaces and lenses - - - <i>Klingenskerne</i>	LI 944	
— Theorem of the aberration of the rays of light refracted through a lens on account of the spherical figure - - - <i>Maskekyne</i>	LII 17	
— Phases of the transit of Venus, supposed to be retarded by the aberration of light <i>Winthorp</i>	LX 358	
— On the effect of the aberration of light on the time of a transit of Venus over the sun - <i>Prie</i>	— 536	
ABSORBENT (EARTH'S). An observation of the immoderate and fatal use of crab-stones, and such like absorbent earths, from whence have proceeded stones in the stomach and kidneys <i>Breynius</i>	XLI 557	IX 171
ACADEMY OF SCIENCES. Part of a letter, giving an account of the new regulations of the Royal Academy of Sciences at Paris - <i>Goffroy</i>	XXI 144	II 252
ACCELERATION. A letter concerning the acceleration of the moon - - - <i>Dunthorne</i>	XLVI 162	X 84
ACEMELLA. An account of the acemeilla and its stone-dissolving faculty - <i>Hutton</i>	XXII 700	IV 2 322
ACEPHALOUS. An account of a monstrous acephalous birth - - - <i>Cooke</i>	LXV 311	
ACID (MEDICAL). A confirmation of the experiments		

	Transf.	Abridg.
made by Sig. Fracassati in Italy, by injecting acid liquors into the blood - <i>Boyle</i>	II 551	III 232
— The cure of a total suppression of urine, not caused by the stone, by the use of acids <i>Baynard</i>	XIX 19	III 148
— Experiments on the distillation of acids, volatile alkalies, &c. shewing how they may be condensed without loss, and how thereby we may avoid disagreeable and noxious fumes <i>Woulfe</i>	LVII 517	
ACID (ANIMAL). Account of an insect likely to yield an acid liquor - <i>Lister</i>	V 2067	II 792
— Some experiments on a new animal acid <i>Crellius</i>	LXX 109	
ACID (NITROUS). Actual fire in detonation, produced by the contact of tin-foil, with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
ACIDULÆ. Continuation of an experimental inquiry concerning the nature of the mineral elastic spirit or air contained in the Pouchon water, and other acidulæ - <i>Brownrigg</i>	LXIV 357	
ACOMACK. Relation of the effects of a violent storm at Acomack in America, Oct. 19, 1692, on the rivers of that country - <i>Scarburgh</i>	XIX 659	II 104
ACORNS. A letter on the success of experiments for preserving acorns for a whole year, without planting them, so as to be in a state fit for vegetation, with a view to bring over some of the most valuable seeds from the East Indies, to plant for the benefit of our American Colonies - <i>Ellis</i>	LVIII 75	
ACCOUNTS. Rules for correcting the usual methods of computing amounts and present values, by compound as well as simple interest; and of stating interest accounts - <i>Watkins</i>	XXIX 3	V P 2 243
ACRES. A demonstration of the number of acres contained in England, or South Britain; and the use which may be made of it - <i>Grew</i>	XXVII 266	IV 449
ACTINIA SOCIATA. An account of the actinia sociata, or clustered animal flower, lately found on the sea-coasts of the new ceded islands - <i>Ellis</i>	LVII 482	
ADAMANT. On the particles and structure of adamant - <i>Leeuwenhoek</i>	XXXII 199	VI 2 226
ADITS. An account how adits and mines are worked at Liege without air-shafts - <i>Moray</i>	I 79	II 372
ÆTNA. A chronological account of the several eruptions of Mount Ætna - <i>Anon.</i>	IV 967	— 386
— An answer to some inquiries concerning the eruptions of Mount Ætna in 1669	— 1028	— 387

	Transf.	Abridg.
— A particular account of divers minerals, sent from the lately burning Mount Ætna - <i>Anon.</i>	IV 1041	II 390
— An extract of a letter concerning a late eruption of Mount Ætna, 1755		
- - - <i>By the Magistrates of Mafcali</i>	XLI 209	
— An account of a journey to Mount Ætna, 1769		
- - - <i>Sir William Hamilton</i>	LX 1	
AFRICA. An account of a journey into, from the Cape of Good Hope - <i>Sparrman</i>	LXVII 38	
AGARIC OF OAK. Experiments concerning the use of the agaric of oak in stopping hæmorrhages		
- - - <i>Sharp, Warner</i>	XLVIII 588	
— Some observations upon the agaric, lately applied after amputations, with regard to determining its species - <i>W. Watson</i>	- 811	
— Two letters concerning the use of agaric as a styptic - <i>Warner</i>	- 813	
— An account of a species of plant, from which the agaric, used as a styptic, is prepared <i>W. Watson</i>	XLIX 28	
— Extracts of two letters concerning the effects of the agaric of the oak, after some of the most capital operations in surgery - <i>Latterman</i>	- 36	
— An account of the success of agaric, and the fungus vinosus, in amputations - <i>Ford</i>	- 93	
— An account of the success of agaric in amputations - <i>Thornhill</i>	- 264	
— See <i>Styptic</i> and <i>Lycoperdon</i> .		
AGE. Part of a letter concerning a person who had a new sett of teeth after 80 years of age; with some observations upon the virtues and properties of sugar - <i>Slare</i>	I 380	V 353
— Two cases of persons cutting teeth in their old age - <i>Colepreffe</i>	XXVIII 273	III 297
AGITATION. An account of an unusual agitation of the sea at Ildfarcombe in Devonshire, Feb. 27, 1756 - <i>Prince</i>	XLIX 642	
AGNUS SCYTHICUS. An account of the Scythian vegetable Lamb, called Borametx - <i>Breyms</i>	XXXIII 353	VI 2 317
AGRICULTURE. Enquiries proposed to be made concerning agriculture <i>Committee of the Royal Society</i>	I 91	II 752
— An account of a voyage to Chufan in China, with a description of the island, of the several sorts of tea, of the fishing, agriculture of the Chinese, &c. with several observations not hitherto taken notice of - <i>Cunningham</i>	XXIII 1201	V 2 171
— A letter concerning the manuring of land with fossil-shells - <i>Pickering</i>	XLIII 191	X 796
		AGUES.

	Transf.	Abridg.
AGUES. An account of the success of the bark of the willow in the cure of agues - <i>Stone</i>	LIII 195	
AHMELLA. Letter concerning Swammerdam's treatise de Apibus; the Ahmella Ceylonensis, and the Faba S. Ignotii - <i>Holton</i>	XXI 365	II 648
AIR (In general). Some trials about the air usually harboured and concealed in the pores of water - <i>Boyle</i>	V 2019	
— Some experiments shewing the difference of ice made without air, from that which is produced with air - <i>Rinaldini</i>	VI 2169	II 164
— An account of the increase of weight in oil of vitriol exposed to the air - <i>Gauli</i>	XIV 496	— 534
— An experiment, of a surprizing change of colour from a pale transparent, or clear liquor, to a blue ceruleous-one, and that in an instant, by the admission of air only; applied to illustrate some changes of colour, and other effects on the blood of respiring animals - <i>Staro</i>	XVII 898	
— Experiments concerning the effects of air passed through red-hot metals - <i>Hauksbee</i>	XXVII 199	IV 2 182
— An experiment concerning the nitrous particles in the air - <i>Clayton</i>	XLI 62	VIII 465
— A supposition how the white matter is produced which floats about in the air in autumn <i>Arderon</i>	XLIV 428	
— A dissertation on the nature of evaporation, and several phenomena of air, water, and boiling liquors - <i>Hamilton</i>	LV 146	
— Observations on different kinds of air <i>Priestley</i>	LXII 147	
— A continuation of an experimental enquiry concerning the nature of the mineral elastic spirit, or air, contained in the Pouhon water, and other acidulae - <i>Brownrigg</i>	LXIV 3517	
— An account of further discoveries in air <i>Priestley</i>	LXV 384	
— Experiments upon air, and the effects of different kinds of effluvia upon it - <i>Whit</i>	LXVIII 194	
AIR (Appearances observed in the). An account of the appearance of several unusual parhelia, or mock suns; together with several circular arches lately seen in the air - <i>Hall</i>	XXIII 1127	IV 228
— A letter from Annapolis in Maryland, containing an account of an explosion in the air <i>Lewis</i>	XXXVIII 19	VIII 685
— Two observations of explosions in the air, one heard at Halsted in Essex, the other at Springfield in the same county <i>Vicwar and Shepbear</i>	XLI 288	VIII 526
— An account of a meteor seen in the air in the day time on Dec. 8, 1733 - <i>Crocker</i>	— 346	VIII 517

	Transf.	Abridg.
— An account of a fire-ball seen in the air, and of an explosion heard Dec. 11, 1741, near London		
— — — — — <i>Lord Beauchamp</i>	XLI 870	VIII 523
— — — — — in Suffex — <i>Fuller</i>	— 871	— —
— — — — — in Kent — <i>Goslin</i>	— 872	— 524
— Account of a fiery meteor seen in the air July 14, 1745 — <i>Coffard</i>	XLIII 522	
— — — — — Dec. 16, 1742 — <i>Moffines</i>	— 524	
— Letter concerning an explosion in the air, heard at Norwich in Jan. 7, 1750 — <i>Arderon</i>	XLVI 698	X 513
— An account of a fire-ball seen in the air July 22, 1750 — <i>Stukely</i>	XLVII 1	
— Another account — — — <i>Baker</i>	— 3	
AIR (Damp).—An account of the damp air in a coal-pit of Sir James Lowther, Bart. sunk within 20 yards of the sea <i>Lowther</i>	XXXVIII 109	VIII 656
— An experiment to shew, that some damps in mines may be occasioned only by the burning of candles under ground, without the addition of any noxious vapours, even when the bottom of the pit has a communication with the outward air, unless the outward air be forcibly driven in at the said communication or pipe		
— — — — — <i>Defaguliers</i>	XXXIX 281	— 657
— A letter containing a short account of an explosion of air in a coal-pit at Middleton, near Leeds in Yorkshire — <i>Bernard</i>	LXIII 217	
AIR (Density of the).—An account of an experiment touching the different densities of the air, from the greatest natural heat to the greatest natural cold in this climate <i>Hautfsee</i>	XXVI 93	IV 2 181
AIR (Effects of the, on animals)		
— A comparison of the times, wherein animals may be killed by drowning in air, or withdrawing it — <i>Boyle</i>	V 2028	
— Of the accidents that happen to animals in air brought to a considerable degree, but not near the utmost one of rarefaction. — <i>Boyle</i>	V 2036	IV 225
— Of the observations produced in an animal in changes as to rarity and density made in the self-same air — <i>Boyle</i>	V 2039	IV 225
— Experiments on the necessity of air to the motion of ants and mites — <i>Boyle</i>	V 2054	
— A letter containing some considerations about the swimming bladders in fishes — <i>Ray</i>	X 349	II 846
— A conjecture concerning the bladders of air that are found in fishes, illustrated by an experiment suggested by the Hon. Robert Boyle	X 310	— —

	Transf.	Abridg.
— The art of living under water; or a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depths — — — — — <i>Halley</i>	XXIX 492	IV 2 188
— Observations on a case published in the last volume of the Medical Essays, &c. of recovering a man dead in appearance, by distending the lungs with air — — — — — <i>Fethergill</i>	XLIII 275	XI 969
— On the degree of salubrity of the common air at sea, compared with that of the sea-shore, and that of places far removed from the sea — — — — — <i>Ingen Housz</i>	LXX 354	
AIR (Effects of the air when condensed or rarefied by the air-pump and condensing engine).— Proposals to try the effects of the pneumatick engine exhausted, on plants, seeds, eggs of fi k-worms — — — — — <i>Brake</i>	II 424 V 2011,	II 656
— Various experiments made in the exhausted receiver — — — — — <i>Boyle</i>	2013, 2015, 2017, 2023, 2024, 2026, 2027, 2040, 2049, 2051, 2052	II 215
— Some experiments made in the air pump at Paris by Papin, directed by Huygens — — — — — <i>Papin</i>	X 443	— 239
— Some experiments made in the air pump upon plants, together with a way of taking exhausted receivers away from off the said engine. — — — — — <i>Papin and Huygens</i>	— 477	— 205
— A continuation of the above experiments on the preservation of bodies — — — — — <i>Papin and Huygens</i>	— 492	— 245
— Some experiments touching animals, made in the air pump — — — — — <i>Huygens and Papin</i>	— 542	II 250
— Promiscuous experiments made in the air-pump — — — — — <i>Huygens and Papin</i>	— 544	
— An account of an experiment of shooting by the rarefaction of the air — — — — — <i>Papin</i>	XVI 21	I 456
— A demonstration of the velocity wherewith the air rushes into an exhausted receiver — — — — — <i>Papin</i>	XVI 193	— 497
— Concerning the application of an air-pump to cupping-glasses — — — — — <i>Luffkin</i>	XXI 287	III 265
— Letter concerning the application of the pneum tick engine to cupping-glasses — — — — — <i>Luffkin</i>	— 408	— —
— Experiments on the resiliion of bodies in common air in vacuo, and in air condensed — — — — — <i>Hauksbee</i>	XXIV 1946	IV 2 181 — An

	Transf.	Abridg.
— An experiment on the descent of malt dust in an evacuated receiver - <i>Hauksbee</i>	XXIV 1948	IV 2 173
— An experiment shewing, that the seemingly spontaneous ascent of water in small tubes, open at both ends, is the same in vacuo as in the open air - <i>Hauksbee</i>	XXV 2223	— - 181
— An account of an experiment, touching the difficulty of separating two hemispheres, upon the injecting of an atmosphere of air on their outward surfaces, without withdrawing the included air - <i>Hauksbee</i>	XXV 2415	— - 180
— An account of the success of an attempt to continue several atmospheres of air condensed in the space of one, for a considerable time - <i>Hauksbee</i>	XXVI 217	— - 181
— Experiments on animal fluids in the exhausted receiver - <i>Darwin</i>	LXIV 344	
AIR (Elasticity and mechanical observations concerning) — An account how adits and mines are wrought at Liege without air-shafts <i>Moray</i>	I 79	— 372
— Experiments shewing that air, become unfit for respiration, may retain its wonted pressure - <i>Boyle</i>	V 2046	
— Of its use to elevate the steams of bodies <i>Boyle</i>	V 2048	— 297
— A table shewing to what degree air is compressible in sea water, from the depth of 1 foot to 1947 feet; useful to divers. - <i>Members of the Royal Society</i>	VI 2192	II 201
— Considerations touching the compression of the air - <i>Leeuwenhoek</i>	IX 21	III 683
— Ten new experiments about the weakened spring, and some unobserved effects of the air <i>Boyle</i>	X 467	II 235
— A full description, with the use of a new contrivance for raising water - <i>Papin</i>	XV 1274	I 540
— Answer to several objections made by Mr. Nevvis against his engine for raising water by the rarefaction of the air - <i>Papin</i>	XVI 263	— 542
— A discourse concerning the measure of the air's resistance to bodies moved in it - <i>Wallis</i>	XVI 269	I 484
— An experiment shewing, that the springs or constituent parts of air are capable to suffer such disorder by a violent impulse, as to require time to recover their natural state <i>Hauksbee</i>	XXV 2412	IV 2 181
— There are two pages of this No. in this vol. and this is the second.		
— Experiments concerning the time required in the descent of different bodies of different magni-		

	Transl.	Abridg.
tudes and weights in common air, from the same height - - - <i>Hauksbee</i>	XXVII 196	IV 2 182
Barometrical experiments for discovering the various elasticity of the air in different parts of Switzerland - - - <i>Scheuchzer</i>	XXIX 266	IV 2 16
An account of some experiments made on the 27th of April, 1719, to find how much the resistance of the air retards falling bodies - - - <i>Desaguliers</i>	XXX 1071	IV 2 175
Further experiments - - - <i>Desaguliers</i>	- 1075	- - 178
An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermediate air, with a description of a new machine, whereby pipes may be cleared of air, as the water runs along, without hand-pipes, or the help of any hand - <i>Desaguliers</i>	XXXIV 77	VI 347
An attempt made to shew how damps or foul air may be drawn out of any sort of mines, &c. by an engine - - - <i>Desaguliers</i>	XXXV 353	VI 2 193
An account of an instrument or machine for changing the air of the room of sick people in a little time, by either drawing out the foul air, or forcing in fresh air; or doing both successively, without opening doors or windows - - - <i>Desaguliers</i>	XXXIX 41	VIII 270
A calculation of the velocity of the air moved by a new-invented centrifugal bellows of 7 feet in diameter, and 1 foot thick within, which a man can keep in motion with very little labour, at the rate of two revolutions in one second - - - <i>Desaguliers</i>	XXXIX 44	VIII 271
The uses of the foregoing machine - - - <i>Desaguliers</i>	- 47	- 273
An account of an invention and method of changing the air in the hold, and other close parts of a ship - - - <i>Sutton</i>	XLII 42	- 628
Observations upon Mr. Sutton's invention to extract foul and stinking air out of ships, with critical remarks upon the use of windmills - - - <i>H'atson</i>	XLII 62	- 630
An account of the great benefit of blowing showers of fresh air up through distilling liquors - - - <i>Hales</i>	XLIV 312	
Thoughts on Dr. Hales's new method of distilling by the force of air and fire - <i>Brownrigg</i>	XLIX 534	
AIR (Electricity of the). Observations upon the electricity of the air, made at the Chateau de		

	Transf.	Abridg.
Maintenon in June, July, and October 1753 <i>Mazzeas</i>	XLVIII 377	
AIR (Fixed). A Letter on the solubility of iron in simple water, by the intervention of fixed air <i>Lanc</i>	LIX 216	
— The description of an apparatus for impregnating water with fixed air, and of the manner of conducting that process <i>North</i>	LXV 59	
AIR (Gravity and temperature of the). Letter con- taining particulars of a philosophical nature, viz. a narrative of the strange effects of thunder upon a magnetic card; some remarks concerning the gradual alteration of the temperature of the air in divers countries; a contrivance of an un- common hygroscope; the musky scent of cer- tain parts of the animal called the musk-quash <i>Anon.</i>	XI 647	II 42 43
— A discourse concerning the air's gravity <i>Wallis</i>	XV 1002	III 122
— A letter giving an account of several observa- tions in Virginia and in his voyage thither, more particularly concerning the air <i>Clayton</i>	XVII 781	III 575
— Second letter of farther observations on Virginia <i>Clayton</i>	— 790	
— An account of an experiment, touching the pro- portion of the weight of air, to the weight of a like bulk of water, without knowing the quan- tity of either <i>Hauksbee</i>	XXV 2221	IV 2 180
— An observation of extraordinary warmth of the air in January 1741 <i>Miles</i>	XLII 20	III 469
— On the correspondence of the barometer with the air and weather <i>Holman</i>	XLVI 101	X 428
— Remarks on the heat of the air in July 1757 <i>Huxham</i>	L 428	
— Additional remarks <i>Watson</i>	— 429	
— An account of the extraordinary heat of the weather in July 1757, and of the effects of it <i>Huxham</i>	— 523	
— Remarks on the different temperature of the air at Eddystone, from that observed at Plymouth, between the 7th and 14th of July 1757 <i>Smeaton</i>	— 488	
— An investigation of the difference between the present temperature of the air in Italy and some other countries, and what it was seventeen cen- turies ago <i>Barrington</i>	LVIII 58	
— An account of a most extraordinary degree of		

	Transf.	Abridg.
cold at Glasgow in January 1780; together with some new experiments and observations on the comparative temperature of hoar-frost, and the air near to it, made at Glasgow - <i>Wilson</i>	LXX 451	
AIR (History of the). A physical history of the earth and air for the year 1732 - <i>Cyrrillus</i>	XXXVIII 184	VIII 625
AIR (Inflammable). A chemical experiment, serving to illustrate the phenomenon of inflammable air, shewn to the Royal Society by Sir James Lowther, and described in the Transactions, N° 429 - <i>Mau</i>	XXXIX 282	IX 356
— Account of a new kind of inflammable air or gas, which can be made in a moment without apparatus, and is as fit for explosion as other inflammable gasses in use for that purpose; together with a new theory of gunpowder - <i>Ingen-Houfz</i>	LXIX 376	
— Experiments and observations on the inflammable air breathed by various animals - <i>Fontana</i>	— 337	
AIR (Nitrous). Easy methods of measuring the diminution of bulk taking place upon the mixture of common air and nitrous air; together with experiments on platina - <i>Ingen-Houfz</i>	LXVI 257	
AIR (Production of). An account of an experiment to try the quality of air produced from gunpowder, fired in vacuo Boyliano - <i>Hauksbee</i>	XXIV 1807	IV 2 172
— An account of an experiment touching the quantity of air produced from a certain quantity of gunpowder fired in common air - <i>Hauksbee</i>	XXV 2409	IV 2 181
— Three papers containing experiments on factitious air - <i>Cavendish</i>	LVI 141	
— Account of the airs extracted from different kinds of waters; with thoughts on the salubrity of the air at different places - <i>Fontana</i>	LXIX 432	
AIR (Promiscuous properties of). Observations on several passages in the Transactions, relating to some unobserved qualities of the air; to the mixing fermenting liquors in vacuo; to the history of birds; the anatomy of the trunks of vegetables, baroscopes, &c. - <i>Anon.</i>	X 533	
— An experiment touching the freezing of common water, and water purged of air - <i>Hauksbee</i>	XXVI 302	IV 2 182
— An experiment touching the weighing of bodies of the same species, but of very unequal sur-		

	Transf.	Abridg.
faces in common water, being of an equal weight in common air - <i>Hanksbee</i>	— 306	— 181
AIR (Refraction of the). An experiment of the refraction of the air, made at the command of the Royal Society - <i>Lavatho:z</i>	XXI 339	I 228
— Some allowances to be made in astronomical observations for the refraction of the air, with an accurate table of refractions - <i>Halley</i>	XXXI 169	VI 167
AIR-PUMP. An account of some improvements in the air-pump - <i>Smeaton</i>	XLVII 415	
— An account of some experiments made with an air-pump on Mr. Smeaton's principle; together with some experiments with a common air-pump - <i>Nairne</i>	LXVII 614	
ALBATENIUS. Emendations and notes upon the ancient astronomical tables of Albatenius, with the restoration of his luni-solar tables <i>Halley</i>	XVII 913	III 522
ALCALI. Two letters, giving an account of a red colour produced by mixture of a sulphureous spirit with a volatile alcali - <i>Gibbons</i>	XIX 542	— 367
ALCALINE SALTS. A dissertation on fixed alkaline salts - <i>Neuman</i>	XXXIV 3	VII 700
— Continued - <i>Neuman</i>	— 45	— 717
— A chemical experiment of the effect of quicklime upon volatile alkaline - <i>Schlosser</i>	XLIX 222	
— Experiments on the distillation of acids, volatile alkalies, &c. shewing how they may be condensed without loss, and how thereby to avoid disagreeable and noxious fumes <i>Woulfe</i>	LVII 517	
— See <i>Salt</i> .		
ALCANNA. Concerning rufina and alcanna - <i>Phil. Soc. Oxf.</i>	XX 295	II 645
ALDEBARAN. An observation of the moon's transit by Aldebaran, Apr. 3, 1736 - <i>Bevis</i>	XL 90	VIII 133
— An occultation of Aldebaran by the Moon, Dec. 12, 1738 - <i>Graham</i>	XLI 632	— 135
ALEPPO. A relation of a voyage from Aleppo to Palmyra in Syria - <i>Hallifax</i>	XIX 83	III 503
ALGA. Observations on the sea alga with broad leaves - <i>Præssner</i>	L 631	
ALGEBRA. Thoughts about some defects in algebra - <i>Collins</i>	XIV 575	
— A treatise of algebra, both historical and practical - <i>Wallis</i>	XV 1095	
— A correction of the 109th chapter of Wallis's algebra - <i>Wallis</i>	XIX 729	
— An instance of the excellence of the modern al-		

	Transf.	Abridg.
gebra in the resolution of the problem of finding the foci of optick-glasses universally <i>Halley</i>	XVII 960	I 183
— A second letter concerning the roots of equations, with the demonstration of other rules in algebra - - <i>Maclaurin</i>	XXXVI 59	VI 25
— An algebraic problem, and of the evolution of a certain mechanic curve amongst infinite hyper-mechanical ones, which resolve a certain equation (Lat.) - - <i>Fantoni</i>	LVII 358	
— Observations on the limits of algebraical equations; and a general demonstration of Des Cartes's rule for finding their number of affirmative and negative roots - <i>Milne</i>	LXVIII 380	
— On the general resolution of algebraical equations - <i>Waring</i>	LXIX 86	
— See <i>Equations</i> .		
— See <i>Opticks</i> .		
ALHAZEN. Letters between M. Slufius and M. Hugenius relative to an optic problem of Alhazen, - -	VIII 6119 — 6139	I 172 — 174
ALICANT. See <i>Sap</i> .		
ALIMENT. An account of the bones of animals being changed to a red colour by aliment only <i>Belchier</i>	XXXIX 287	IX 102
— A further account of the bones of animals being made red by aliment only - <i>Belchier</i>	— 299	— 103
ALLANTOIS. The humane allantois fully discovered, and the reasons assigned why it has not hitherto been found out, even by those who believed its existence; with an answer to their objections who deny it still - <i>Hall</i>	XXII 835	V 314
ALLIGATOR. An account of the fossile bones of an alligator, found on the sea-shore near Whitby in Yorkshire - <i>Chapman</i>	L 688	
— Another account of the same - <i>Woolley</i>	— 786	
ALOE AMERICANA SERRATI-FOLIA. An experiment on Aloe Americana Serrati-folia weighed, seeming to import a circulation of the sap in plants - - <i>Morre</i>	II 455	— 645
ALUM. A description of a Swedish stone, which affords sulphur, vitriol, allum, and minium <i>Talbot</i>	I 375	II 531
— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with, a metal; and then making out, that alum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and alum, do agree in the saline principles: and, lastly, de-		

clarifying

	Transf.	Abridg
clarifying the nature of the salt in brimstone, and whence it is derived - <i>Anon.</i>	IX 66	II 544
ALUM-WORKS. An account of the English alum-works - <i>Colwall</i>	XII 1052	- 538
ALPHABET. An essay towards a universal alphabet, and new primer - <i>Lodwick</i>	XVI 126	III 373
— A letter containing some remarks on Mr. Lodwick's alphabet - <i>Byrom</i>	XLV 401	XI 1386
— Further remarks upon M. l'Abbé Barthelemy's Memoir on the Phœnician letters; containing his reflections on certain Phœnician monuments, and the alphabets resulting from them - <i>Swinton</i>	LIV 393	
ALPINE MOUSE. The anatomy of the Alpine mouse - <i>Scheuchzer</i>	XXXIV 237	VII 452
— A short natural history of the Alpine mouse (Lat.) - <i>Klein</i>	XLV 180	XI 900
ALTAR (ROMAN). Account of a Roman altar found at Chester - <i>Halley</i>	XIX 316	III 425
— An account of two Roman altars lately found in the North of England, with notes, by Tho. Gale - <i>Thoresby</i>	— 663	— 424
— An attempt to explain two Roman inscriptions, cut upon two altars, which were dug up some time since at Bath - <i>Ward</i>	XLIV 285	
— The inscription upon a Roman altar found near Stanhope, in the bishoprick of Durham <i>Birch</i>	XLV 173	XI 1272
— An account of a Roman altar, with an inscription upon it, found in April last at York, and communicated to the Society of Antiquaries by F. Drake; as also a brief explication of the inscription by John Ward	XLVIII 33	
ALTERNATIONS. The doctrine of combinations and alternations improved and completed - <i>Thornycroft</i>	XXIV 1961	IV 60
ALTITUDE. Table of the barometrical altitudes at Zurich in Switzerland, in the year 1708, by Scheuchzer; and at Upminster in England, by Derham; as also the rain at Pisa in Italy, in 1707 and 1708, by Tilli; and at Zurich in 1708; and at Upminster in all that time: with remarks on the same tables; as also on the winds, heats, colds, and divers other matters occurring in those three parts of Europe <i>Derham</i>	XXVI 342	
ALTITUDES. The description of a new quadrant for taking altitudes, without an horizon, either at sea or land - <i>Elton</i>	XXXVII 273	

	Transf.	Abridg.
— Account of a spirit-level to be fixed to a quadrant for taking a meridional altitude at sea, when the horizon is not visible - <i>Hadley</i>	XXXVIII 167	VIII 357
— A description of a water-level to be fixed to Davis's quadrant for taking the sun's altitude at sea in thick and hazy weather without an horizon - <i>Leigh</i>	XL 413	— 360
— The description and use of an apparatus, added as an improvement to Davis's quadrant, consisting of a mercurial level, for taking the co-altitude of sun or star at sea, without the usual assistance of the sensible horizon, which frequently is obscured - <i>Leigh</i>	XL 417	— 362
— A new method of finding time by equal altitudes - <i>Aubert</i>	LXVI 92	
— An account of the apparatus applied to the equatorial instrument, for correcting the errors arising from the refraction in altitude <i>Dollond</i>	LXIX 332	
AMALGAM. On the use of an amalgam of zinc, for the purpose of electrical excitation - <i>Higgins</i>	LXVIII 861	
AMAND (ST). MINERAL WATERS. Letter concerning the mineral waters of St. Amand, near Tournay and Valenciennes - <i>Geoffroy</i>	XX 430	II 334
AMBE. The ambe of Hippocrates, for reducing luxations of the arm with the shoulder, rectified - <i>M. le Cat</i>	XLII 387	IX 257
AMBER. Account of a curious piece of <i>Hevelius</i>	V 2051	II 490
— An observation about white amber <i>Kirkby</i>	VII 4069	— 491
— A compendious history and demonstration of the Prussian amber - <i>Hartmann</i>	XXI 5	— 473
— An account of several curiosities relating to amber - <i>Hartmann</i>	— 49	— 599
— A Treatise on amber - <i>Cameli</i>	XXIV 1591	IV 2 278
— Experiments on the luminous qualities of amber, diamonds, and gumlac - <i>Walli</i>	XXVI 69	— 275
— An observation of a piece of amber with a leaf of a plant impressed on it - <i>Breyneus</i>	XXXIV 154	VI 2 232
— An extract from a letter on the nature of amber - <i>Beurer</i>	XLII 322	VIII 734
— Extract from an essay on the origin of amber - <i>Fotbergill</i>	XLIII 21	X 774
AMBERGREASE. Letter concerning ambergrease, and its being a vegetable production <i>Boyle</i>	VIII 6113	II 492
— An account of a great piece of ambergrease, thrown on the island of Jamaica <i>Tredwaj</i>	XIX 711	—
— Found in whales - <i>Boylston</i>	XXXIII 193	VII 423

	Transf.	Abridg.
— An essay upon the natural history of whales, with a particular account of the ambergrease found in the spermaceti whales <i>Dudley</i>	XXXIII 256	VII 424
— A treatise on ambergrease, Par. I - <i>Neumann</i>	XXXVIII 344	IX 339
— — — — — Par. II - <i>Neumann</i>	— 371	— 346
— — — — — Par. III - <i>Neumann</i>	— 417	— 358
— A review of the experiments on ambergrease made by Messrs. Browne and Hanckewits, by Dr. Martine, with Mr. Neumann's vindication of his own experiment - <i>Neumann</i>	— 437	— 366
AMERICA. A narrative of some observations made upon several voyages to find a way for sailing about the North to the East Indies, and for returning the same way from thence hither; together with the instruction given by the Dutch East India Company for the discovery of Jesso, near Japan. To which is added, a relation of sailing through the northern America to the East Indies - <i>Van Nieerp</i>	IX 197	
— Some observations concerning a possible passage to the East Indies by the Northern America, Westward - <i>Anon.</i>	— 207	
— An account of that part of America which is nearest to the land of Kamtchatka; extracted from the description of Kamtchatka, by professor Krahennicoff - <i>Dumaresque</i>	LI 477	
— A dissertation on the bones and teeth of elephants, and other beasts, found in North America, and other Northern regions; by which it appears they are the bones of indigenous beasts - <i>Raspe</i>	LIX 126	
— Observations of eclipses of Jupiter's first satellite at Greenwich, compared with observations of the same made by Samuel Holland in North America, and the longitudes of places thence deduced - <i>McSkelyne</i>	LXIV 184	
— Immersions and emersions of Jupiter's first satellites observed at Jupiter's inlet, on the island of Anticosti, North America, and the longitude of the place deduced from comparison with observations made at the Royal Observatory at Greenwich, by the Astronomer Royal <i>Wright</i>	— 190	
AMIANTHUS. A curious relation, taken out of the third Venetian journal de Letterati, of a substance found in great quantities in some mines of Italy; out of which is made a kind of combustible substance, both skin, paper, and		

candle-wick, together with some experiments made therewith	<i>Castagna</i>	Transf.	Abridg.
AMIANTHUS. See <i>Asbestos</i> .		VI 2167	II 548
AMLWCH WATERS. An account of the vitriolic waters of Amlwch, in the isle of Anglesey	<i>Rutty</i>	LI 470	
AMMONITE. A letter concerning some vertebrae of ammonitæ, or cornua ammonis	<i>Miles</i>	XLVI 37	X 641
AMNII LIQUOR. Some observations, proving that the fœtus is in part nourished by the liquor Amnii	<i>Fleming</i>	XLIX 254	
AMOMUM. A description and figure of the true Amomum, or Tugus of the Philippines	<i>Camelli</i>	XXI 2	II 646
AMOUNTS. Rules for correcting the usual methods of computing amounts and present values by compound, as well as simple interest; and of stating interest-accounts	<i>Watkins</i>	XXIX 111	V 2 243
AMPHIBIOUS ANIMALS. An account of an amphibious bipes	<i>Ellis</i>	LVI 189	
— A supplement to the account of an amphibious bipes, being the anatomical description of the said animal	<i>Ellis</i>	— 307	
— Observations upon animals, commonly called amphibious by authors	<i>Parsons</i>	— 193	
— An account of the lymphatic system in amphibious animals	<i>Hewson</i>	LIX 198	
AMPUTATION. A letter concerning the use of lycoperdon in stopping blood after amputation	<i>Parsons</i>	XLIX 38	
— An account of the success of Agaric, and Fungus Vinosus, upon amputations	<i>Ford</i>	— 93	
— Remarks and considerations relative to the performance of amputation above the knee, by the single circular incision	<i>Goach</i>	LXV 373	
— See <i>Agaric, Fungus Vinosus, Lycoperdon</i> and <i>Styptic</i> .			
ANALYSIS. Experiments by way of analysis upon the water of the dead sea, upon the hot springs near Tiberiades, and upon Hamman Pharoan water	<i>Perry</i>	XLII 48	VIII 643
ANALYTICAL. Universal solution for quadratic and biquadratic equations, viz. analytical, geometrical, and mechanical	<i>Calson</i>	XXV 2353	IV 66
— Analytical solution of certain infinitesimal equations	<i>De Moivre</i>	— 2368	— 77
ANASTOMOSSES. An account of some uncommon anastomoses of the spermatic vessels in a woman	<i>Mortimer</i>	XXXVI 373	VII 553
ANATOMY. Observations of milk found in the veins instead of blood	<i>Boyle</i>	I 100	III 239

	Transf.	Abridg.
ANATOMY. An account of some chemical, medicinal, and anatomical particulars - <i>Bebm</i>	III 650	— 84 351
— Some anatomical inventions and observations, particularly the origin of the injection into veins, the transfusion of blood, and the parts of generation - <i>Clark</i>	III 672	III 290
— Anatomical observations made at Venice <i>Grandi</i>	V 1188	— 84 301
— Account of two new anatomical discoveries made in France - <i>Anon.</i>	— 2083	— 78
— Account of some anatomical engagements <i>Bellini</i>	— 2093	I 366
— Anatomical observations on the structure of the nose - <i>Vernay</i>	XII 976	III 56
— Anatomical observation on the body of a woman, about fifty years of age, who died hydropical, in her left testicle - <i>Sampson</i>	— 1000	— 206 218
— The anatomy of a monstrous pig -	XIII 183	II 904
— The anatomy of the Mexico musk-hog <i>Tyson</i>	— 359	— 873
— Observations of what did praternaturally occur in the opening of the body of Mr. Smith of Highgate - <i>Tyson</i>	XVI 332	III 347
— Observations made in the heads of fowls at several times - <i>Moulen</i>	XVII 711	II 860
— An anatomical account of some remarkable things found on the dissection of a woman who died of a dropy after the paracentesis was performed; with a small reflection on the causes of the dropy - <i>Preston</i>	XIX 330	III 141
— A letter, giving an account of some anatomical observations made on a body dissected at Padua, by John Ray - <i>Dale</i>	XXV 2282	V 184
— An anatomical description of the heart of land tortoises from America - <i>Buffire</i>	XXVII 170	— 74
— Some anatomical observations - <i>Chefeiden</i>	XXVIII 281	— 233 257
— The anatomy of a decrepid old man of 109 years old - <i>Scheuchzer</i>	XXXII 313	VII 689
— The anatomy of the poisonous apparatus of a rattle-snake, with an account of the quick effects of its poison - <i>Ranby</i>	XXXV 377	— 416
— Two anatomico-practical observations; one of an infant born with a bag full of water hanging from the Os Sacrum to the ankles (Lat.) - <i>Baister</i>	XLII 277	IX 235
— An account of glasses of a new contrivance; for preserving pieces of anatomy or natural history in spirituous liquors - <i>Le Cat</i>	XLVI 6	XI 1349
— Additions - <i>Le Cat</i>	— 88	—
— Anatomico medical observations of a monstrous		

double-

	Transf.	Abridg.
double-bodied child, born Oct. 26, 1701, in Pannonia, and who died Feb. 23, 1723 (Lat.)		
- - - <i>Torkiss</i>	L 311	
Another account - <i>Burnet</i>	- 315	
Another account - <i>Du Pleffis</i>	- 317	
Another account (Lat.) - <i>Drieschius</i>	- 318	
— An uncommon anatomical observation of a defect in the right lobe of the lungs <i>Paiton</i>	LV 79	
— Anatomical observations on the torpedo - <i>John Hunter</i>	LXIII 481	
— See <i>Diffettion</i> .		
ANATOMY OF VEGETABLES. Observations on several passages in the two last months Transactions relating to some unobserved qualities of the air; to mixing and fermenting liquors in vacuo; to the history of birds; the anatomy of the trunks of vegetables; baroscopes, &c. <i>Anon.</i>	X 533	
— The anatomical preparation of vegetables <i>Seba</i>	XXXVI 441	VI 2 338
ANCIENTS. Experiments concerning the encaustic paintings of the ancients - <i>Colebrook</i>	LI 40	
— A letter concerning the success of the former experiments - <i>Colebrook</i>	- 53	
— Some observations concerning the lyncurium of the ancients - <i>William Watson</i>	- 394	
— Some attempts to ascertain the utmost extent of the knowledge of the ancients in the East-Indies - <i>Caverhill</i>	LVII 155	
ANDERIDA. An accurate account of a tessellated pavement, bath, and other Roman antiquities, lately discovered at East Bourne, in Suffex - <i>Tabor</i>	XXX 549	V 2 63
— The rest of the treatise concerning the site of the ancient city of Anderida, and other remains of antiquity in the county of Suffex - <i>Tabor</i>	- 783	- 2 71
ANDRACHNE. A description of the andrachne and its botanical characters - <i>Ehrenb.</i>	LVII 114	
ANEMONIES (SEA). An essay towards elucidating the history of the sea-anemonies <i>Dicquemare</i>	LXIII 361	
— A second essay on the natural sea-anemonies - <i>Dicquemare</i>	LXV 207	
— A third essay on - <i>Dicquemare</i>	LXVII 1 56	
ANEMOSCOPE. Description of the anemoscope - <i>Pickering</i>	XLIII 9	
ANEURISM. An account of an extraordinary aneurism of the arteria aorta near the basis of		

	Transf.	Abridg.
the heart, with the symptoms thereof		
— <i>Le'age</i>	XXII 666	
— An account of an aneurism of the aorta <i>Dod</i>	XXXV 430	VII 566
— Some observations on aneurisms in general, and in particular on the foregoing <i>Nichols</i>	— 440	— 569
— A remarkable case of an aneurism, or disease of the principal artery of the thigh, occasioned by a fall. To which is prefixed, a short account of the uncertainty of the distinguishing symptoms.		
— Concerning aneurisms in the thigh <i>Warner</i>	L 353	
<i>Goob</i>	LXV 378	
ANGLE. A direct and geometrical method by which the aphelia, excentricities, and proportion of the orbs of the primary planets, may be investigated without supposing the equality of the angle of motion at the other focus of the planet's ellipsis		
— <i>Halley</i>	XI 683	I 258
— An account of an experiment concerning the angle required to suspend a drop of oil of oranges, at certain stations, between two glass planes, placed in the form of a wedge		
— <i>Haukbee</i>	XXVII 473	IV 2 182
— A new universal method of describing all curves of every order mechanically, by the assistance of angles and right lines		
— <i>Maclaurin</i>	XXX 939	— 57
— Solution of the problem relating to the invention of curves, which, disposed in a certain manner in an inverse situation, may cut each other in a given angle		
— <i>Anon.</i>	XXXII 106	VI 85
— Of the section of an angle <i>De Moivre</i>	— 228	— 65
— A description of a new instrument for taking angles		
— <i>Hadley</i>	XXXVII 147	— 139
— An account of observations made on board the Chatham yacht August 30-1, and September 1, 1732, for the trial of an instrument for taking angles		
— <i>Hadley</i>	— 341	— 428
— A description of a contrivance for measuring small angles		
— <i>Dollond</i>	XLVIII 178	
— An explanation of a new instrument made for measuring small angles		
— <i>Dollond</i>	— 551	
— Account of a new instrument for measuring small angles, called the Prismatic Micrometer		
— <i>Maskeelyne</i>	LXVII 799	
— See <i>Micrometer</i> .		
ANGLESEY. See <i>Population</i> .		
ANIMALS (in General). Description of a microscope, by the means whereof there has been		

	Transf.	Abridg.
seen an animal lesser than any of those hitherto fe n - - - <i>Divini</i>	III 842	I 207
— Observations of some animals, and of a strange plant, made in a voyage into the kingdom of Congo. <i>M. Ang. de Guattini</i> , and <i>Dionysus of</i> <i>Placenza</i> .	XII 977	III 57
— Microscopical observations about animals in the scurf of the teeth; the substance called worms in the nose; the cuticula consisting of scales - - - <i>Leeuwenhoek</i>	XIV 568	— 684
— <i>Lumbricus Hydropicus</i> ; or an essay to prove, that the hydatides, often met with in morbid animal bodies, are a species of worms, or im- perfect animals - - - <i>Tyson</i>	XVII 506	— 133
— Letters concerning the seeds of plants, with ob- servations on the manner of the propagation of plants and animals - - - <i>Leeuwenhoek</i>	XVII 700	III 685
— An account of an animal resembling a whelp voided per anum by a male greyhound <i>Halley</i>	XIX 316	II 904
— Remarks on some animals, plants, &c. sent from Maryland - - - <i>Petiver</i>	XX 393	— 253
— An account of some animals sent from the East Indies, with remarks by J. Petiver <i>Brown</i>	XXII 859	V 183
— Account of more animals - - - <i>Brown</i>	— 1023	
— Account of more animals observed in the Phi- lippine Islands - - - <i>Camelli</i>	XXIII 1065	— —
— A new division of terrestrial brute animals, par- ticularly of those that have their feet formed like hands; where an account is given of some animals not yet described <i>Tyson</i>	XXIV 1565	— 177, 178
— An account of animals and shells sent from Ca- rolina - - - <i>Petiver</i>	— 1952	IV 2 325
— An account of the animals in the Philippine Islands - - - <i>Camelli</i>	XXVI 241	V 183
— Observations on the mouths of the eels in vine- gar, and also a strange aquatic animal <i>Baker</i>	XLII 416	IX 38
— A description of the female musk animal, by the Jettuis at Sackin - - -	XI. VII 321	
— An account of worm in animal bodies <i>Nicholls</i>	XLIX 246	
— Observations on coralline, and the polypus, and other sea anim ls - - - <i>Bosser</i>	L 258	
— Remarks on the above observations <i>Ellis</i>	— 280	
— Observations on noxious animals in England - - - <i>Forster</i>	LII 475	
ANIMAL FLOWERS. An account of the urtica ma- rina (animal flowers) - - - <i>Guertner</i>	— 75	

	Transf.	Abridg.
— Letter on the animal nature of the genus of zoophytes, called corallina <i>Ellis</i>	LVII 4c4	
— On the nature of gorgonia; that it is a real marine animal, and not of a mixed nature, between animal and vegetable <i>Ellis</i>	LXI 1	
ANIMALS (Parts of). An observation about the epiploon, or the double membrane, which covers the entrails of animals, and is filled with fat — <i>Malpighi and Fracassati</i>	II 553	II 658
— An account of some animals that, having lungs, are yet found to be without the arterious vein; together with some other curious particulars — <i>Swammerdan.</i>	VIII 6c40	III 256
— An abstract of a letter concerning the parts of brain of several animals, the chalk-stones of the gout, the leprosy, and the scales of eels <i>Leeuwenhoek</i>	XV 883	— 684
— An extract of a letter containing several observations on the texture of the bones of animals, compared with that of wood <i>Leeuwenhoek</i>	XVII 838	II 685
— Observations on the muscular fibres of different animals — <i>Leeuwe boek</i>	XXXI 134	VI 2 336
Continued. — <i>Leeuwenboek</i>	XXXII 12	VII 468
— An essay upon the use of the bile in the animal œconomy, founded on an observation of a wound in the gall-bladder <i>Stuart</i>	XXXVI 341	VII 572
— Explanation of an essay on the use of the bile in the animal œconomy — <i>Stuart</i>	XXXVIII 5	IX 195
ANIMALS (Experiments on).—An experiment of preserving animals alive, by blowing through their lungs with bellows — <i>Hook</i>	II 539	III 66
— Account of two animals included with large wounds in the abdomen in the pneumatical receiver — <i>Boyle</i>	V 2026	
— Of the motion of the separated heart of a cold animal in the exhausted receiver <i>Boyle</i>	— 2027	I 250
— A comparison of the times wherein animals may be killed by drowning, or withdrawing of the air — <i>Boyle</i>	— 2028	II 490
— Of the accidents that happen to them in air brought to a considerable degree, but not near the utmost one, of rarefaction <i>Boyle</i>	— 2036	— 225
— Of the observations produced in an animal in changes, as to rarity and density made in the self-same air — <i>Boyle</i>	— 2039	
— Of an unsuccessful attempt to prevent the necessity of respiration by the production or growth of animals in our vacuum <i>Boyle</i>	— 2040	
		— Of

	Transf.	Abridg.
— Of the power of affuefaction to enable animals to hold out in air by rarefaction made unfit for respiration - <i>Boyle</i>	V 2045	
— Some experiments, touching animals, made in the air-pump - <i>Huygens and Papin</i>	X 542	II 250
— Observations on the manner of propagation of animals and plants - <i>Leeuwenhoek</i>	XVII 700	III 685
— Letter on the generation of animals - <i>Josephus de Aromatariis</i>	XVIII 150	
— Experiments and observations on the effects of several sorts of poisons upon animals, made at Montpellier in 1678 and 1679 - <i>Cowper</i>	XXVII 485	V 38
— Letter on the generation of animals - <i>Leeuwenhoek</i>	XXXII 438	VII 473
— An account of the bones of animals being changed to a red colour by aliment only - <i>Belchier</i>	XXXIX 287	IX 102
— A further account - <i>Belchier</i>	— 299	— 105
— Observations and experiments with madder roots, which has the faculty of tinging the bones of living animals of a red colour - <i>Du Monceau</i>	XLI 390	IX 103
— Letter concerning the natural heat of animals - <i>Mortimer</i>	XLIII 473	XI 901
— Part of two letters concerning the sparkling of flannel, and the hair of animals in the dark - <i>Cooke</i>	XLV 394	X 343
— Experiments made on a great number of animals with the poison of Lama's and of Ticunas - <i>Herissani</i>	XLVII 75	
— An account of some experiments on the sensibility and irritability of the several parts of animals - <i>Brocklesby</i>	XLIX 240	
— The effects of the opuntia, or prickly pear, and of the Indigo plant, in colouring the juices of living animals - <i>Baker</i>	L 296	
— Experiments on animal fluids in the exhausted receiver - <i>Darwin</i>	LXIV 344	
— Experiments on animals and vegetables, with respect to the power of producing heat - <i>John Hunter</i>	LXV 446	
— Of the heat of animals and vegetables - <i>John Hunter</i>	LXVIII 7	
— Experiments and observations on the inflammable air breathed by several animals - <i>Fontana</i>	LXIX 337	
ANIMALS (Disorders of).—Some observations on the motion of diseases, and on the births and deaths of men, and other animals in different times of the Nox <i>Boissier</i>	XVII 815	III 311

	Transf.	Abridg.
— Of an obstruction of the biliary ducts, and an impostumation of the gall-bladder, discharging upwards of 18 quarts of bilious matter in 25 days, without any apparent defect in the animal functions — <i>Amyand</i>	XL 317	VIII 503
ANIMAL (Fossile).—An account of the impression of the almost entire skeleton of a large animal in a very hard stone found at Elston, near Newark, Nottinghamshire — <i>Suckley</i>	XXX 963	IV 2 272
— An account of a pair of very extraordinary large horns found in Wapping some years since; with a probable account whence they came, and to what animal they belonged <i>Sloane</i>	XXXIV 222	VII 441
— An account of a fossile thigh-bone of a large animal dug up at Stone's-field, near Woodstock, in Oxfordshire — <i>Platt</i>	L 524	
— See <i>Fossile, Generation.</i>		
ANIMAL JUICES. See <i>Juices.</i>		
ANIMALCULA. Observations concerning some little animals observed in rain, well, sea, and snow-water; as also in water where pepper had lain infused — <i>Leeuwenhoek</i>	XII 821	III 683
— — — — — <i>Leeuwenhoek</i>	— 844	— —
— Observed in Semine Humano <i>Leeuwenhoek</i>	— 1040	
— <i>Leeuwenhoek</i> answered by <i>Oldenburg</i>	— 1045	
— <i>Oldenburg</i> answered by <i>Leeuwenhoek</i>	— 1044	
— Extracts from other letters of <i>Leeuwenhoek</i>	— 1045	
— Concerning animalcula found in the teeth — <i>Leeuwenhoek</i>	XVII 646	— 684
— Several observations and experiments on the animalcula in pepper-water <i>Sir Edmund King</i>	XVII 861	— 654
— Some microscopical observations of vast numbers of animalcula seen in water <i>Harris</i>	XIX 254	— 652
— Answer to the objections made to <i>Leeuwenhoek's</i> opinions concerning the animalcula in semine in masculino — <i>Leeuwenhoek</i>	XXI 270	— 686
— Concerning the animalcula in semine humano — <i>Leeuwenhoek</i>	— 301	— —
— Further observations on the animalcula in semine masculino — <i>Leeuwenhoek</i>	XXII 739	
— Several microscopical observations and experiments concerning the animalcula in semine masculino of cocks and spiders <i>Leeuwenhoek</i>	XXIII 1137	V 2 264
— Letter concerning green weeds growing in water, and animalcula found about them — <i>Leeuwenhoek</i>	— 1304	

	Transf.	Abridg.
ANIMALCULA. Two letters from a gentleman in the country relating to -	XXIII 1494	V 2 225
— Observations on some animalcula in water - - - <i>Leeuwenhoek</i>	— 1430	- - 226
— A letter concerning animalcula, on the roots of duck weed - - - <i>Leeuwenhoek</i>	XXIV 1784	- - 267
— Part of a letter concerning some microscopical observations upon the animalcula in femine of young rams - - - <i>Leeuwenhoek</i>	XXVII 316	- - —
— A letter containing some further microscopical observations on the animalcula found upon duck-weed - - - <i>Leeuwenhoek</i>	XXVIII 160	- - —
— Observations on a particular manner of increase in the animalcula of vegetable infusions, with the discovery of an indissoluble salt arising from hemp-seed put into water till it becomes putrid - - - <i>Ellis</i>	LIX 138	
ANNUITIES. An estimate of the degrees of the mortality of mankind, drawn from curious tables of the births and funerals at the city of Breslaw; with an attempt to ascertain the price of annuities upon lives - - - <i>Halley</i>	XVII 596	
— The easiest method of calculating the value of annuities upon lives from tables of observations - - - <i>De Moivre</i>	XLIII 65	
— A letter concerning the value of an annuity for life, and the probability of survivorship - - - <i>Dodson</i>	XLVIII 487	
— A letter concerning the method of constructing a table for the probabilities of life at London - - - <i>Brakenridge</i>	XLIX 167	
— A letter with a table of the value of annuities on lives - - - <i>Dodson</i>	— 891	
— A letter concerning the term and period of human life: in which the inequalities in constructing, and the false conclusions drawn from Dr. Halley's Breslaw table, are fully proved; the supposed extraordinary healthfulness of that place is particularly examined, and confuted; and its real state shewn to be equalled by divers places in England; the imperfection of all the tables formed upon 1000 lives shewn; and a method proposed to obtain one much better - - - <i>T. W.</i>	LII 46	
— Observations on the expectations of lives, the increase of mankind, the influence of great		

	Transf.	Abridg.
towns on population, and particularly the state of London with respect to healthfulness and number of inhabitants - <i>Price</i>	LIX 89	
ANNUITIES. Short and easy theorems for finding, in all cases, the differences between the values of annuities payable yearly, and of the same annuities payable half-yearly, quarterly, or monthly - <i>Price</i>	LXVI 109	
ANNULUS. See <i>Saturn</i> .		
ANOMALIES. Considerations concerning Mercator's geometric and direct method for finding the apogees, excentricities, and anomalies of the planets - <i>Mercator</i>	V 1168	I 253
ANOMALY. See <i>Planet</i> .		
ANTHELIUM. Observation on an antheium seen at Wittenberg Jan. 17-8, 1738 (Lat.) - <i>Weidler</i>	XLI 221	VIII 516
— An account of an antheium observed near Oxford July 24, 1760 - <i>Swinton</i>	LII 94	
ANTICOSTI. Immersions and emersions of Jupiter's first satellite, observed at Jupiter's inlet on the island of Anticosti, North America, and the longitude of the place deduced from comparison, with observations made at the Royal Observatory at Greenwich, by the Astronomer Royal - <i>Wright</i>	LXIV 190	
ANTIEN T SHRINE. An account of an antient shrine formerly belonging to the abbey of Croyland - <i>Stukeley</i>	XLV 579	XI 1313
ANTILLES. See <i>Currents</i> .		
ANTIMONY. On the virtue of antimony - <i>Anon.</i>	III 774	II 56
— Experiments of refining gold with antimony - <i>Godard</i>	XII 953	II 595, 597, 598
— Observations on the effects of the vitrum antimonii ceratum - <i>Geoffroy</i>	XLVII 273	
— Medical and chemical observations upon antimony - <i>Huxham</i>	XLVIII 832	
ANTIQUITIES. An account of a Roman monument found in the bishoprick of Durham, and of some Roman antiquities at York - <i>Lister</i>	XIII 70	III 423
— Some observations upon the ruins of a piece of a Roman wall and Multangular tower at York - <i>Lister</i>	— 238	— 419
— An account of an antient mantle-tree in Northamptonshire, on which the date of it (for the year of our Lord 1133) is expressed by the nu-		

	Transf.	Abridg.
meral figures, which shews the great antiquity of those figures in England	XIII 399	I 107
— An account of some antiquities found at Kirkbythore, in Westmoreland - <i>Machel</i>	XIV 555	II 430
— An account of an earthen vessel lately found near York - <i>Anon.</i>	XV 1017	III 419
— The figures of some antiquities explained <i>Anon.</i>	— 1159	— 446
— An explanation of the figures of several antiquities - <i>Anon.</i>	— 1201	— —
— A discovery of some antiquities made upon the inundation of the Tiber - <i>Anon.</i>	XVI 227	— 448
— Account of some Roman antiquities found in Yorkshire - <i>Thoresby</i>	XIX 738	— 421
— Letter concerning some Roman antiquities lately found in Yorkshire - <i>Thoresby</i>	XX 310	— —
— Letter concerning a piece of antiquity lately found in Somersetshire - <i>Ausgrave</i>	— 441	— 441
— Letter concerning the Saxon antiquity mentioned in Vol. XX, p. 441 - <i>Hicke</i>	XXII 467	— 442
— Letter concerning some Roman antiquities in Lincolnshire - <i>De la Pryme</i>	— 561	— 428
— Letter concerning several Roman antiquities found near the Devizes in Wiltshire <i>Clark</i>	— 758	V 2 31
— An account of some Roman, French, and Irish inscriptions and antiquities lately found in Scotland and Ireland - <i>Lhwyd</i>	— 768	IV 2 322
— Letter concerning several Roman inscriptions, and other antiquities, in Yorkshire - <i>Christopher Hunter</i>	XXIII 1129	V 2 44
— Letter concerning a leaden coffin taken out of a Roman burying-place near York <i>Thoresby</i>	XXIV 1864	V 2 41
— Part of a letter concerning some Roman antiquities found in Yorkshire - <i>Thoresby</i>	XXVI 289	- - 40
— A letter concerning some Roman antiquities observed in Yorkshire - <i>Thoresby</i>	— 314	- - 40
— A letter concerning some ancient brass instruments found in Yorkshire <i>Thoresby</i>	— 393	- - 98
— A letter occasioned by some antiquities lately discovered near Bramham Moor, in Yorkshire - <i>Hearne</i>	— 395	- - 47
— A letter giving an account of antiquities lately found at Corbridge, in Northumberland <i>Todd</i>	XXVII 291	- - 47
— A letter giving a further account of what Mr. Lhwyd met with remarkable, in natural history and antiquities, in his travels through Wales - <i>Lhwyd</i>	— 500	- - 120

	Transf.	Abridg.
— Several observations relating to the antiquities and natural history of Ireland, in his travels through that kingdom - <i>Lbwyd</i>	XXVII 503	IV 2 182 V 2 125
- - - <i>Lbwyd</i>	— 524	V 2 126
— Extracts of letters containing observations in natural history and antiquities, in his travels through Wales and Scotland - <i>Lbwyd</i>	XXVIII 93	- - 120, 123
— Part of a letter containing a relation of several urns and sepulchral monuments lately found in Ireland - <i>Nevill</i>	— 252	- - 95
— An account of some ancient trumpets, and other pieces of antiquity, found in the county of Tyrone in Ireland - <i>Nevill</i>	— 270	
— An accurate account of a tessellated pavement bath, and other Roman antiquities lately discovered at East Bourne in Suffex <i>Tabor</i>	XXX 549	- - 63
The rest of the treatise concerning the site of the ancient city of Anderida, and other remains of antiquity in the county of Suffex - <i>Tabor</i>	— 783	- - 71
— Some amendments and additions to the account of things found under ground in Lincolnshire <i>Thoresby</i>	XXXII 344	VII 4 22
— Ex veterum Prussorum re Antiquaria Schediasma - <i>Klein</i>	XLI 384	IX 414
— An attempt to explain some remains of antiquity lately found in Hertfordshire <i>Ward</i>	XLIII 349	XI 1298
— Extract of a letter concerning an antique obelisk in Rudstone church-yard <i>Knowlton</i>	XLIV 101	
— A letter concerning an antique-shoe found in the isle of Axholm, in Lincolnshire - <i>Stovin</i>	— 571	
— Letter concerning the antiquities dug up from the antient Herculaneum <i>Paderni</i>	XLVIII 71,	
- - - <i>Spence</i>	490	
- - - <i>Paderni</i>	— 488	
- - - <i>Nixon</i>	L 49	
- - - <i>Paderni</i>	— 88	
- - - <i>Paderni</i>	— 619	
— An account of some antiquities found in Cornwall - <i>Borlase</i>	LI 13	
— Account of several antiquities lately discovered in Italy - <i>Venuti</i>	— 201	
— Account of several antiquities in Italy - <i>Venuti</i>	— 636	
With remarks - <i>Nixon</i>	— 639	
— See <i>Herculaneum, Coin, Inscription, Lamps, Rome.</i>		
ANTISEPTIC. Part of a letter on the antiseptical regimen of the natives of Russia <i>Gautbrieu</i>	LXVIII 622	

	Transf.	Abridg.
ANT. Observations concerning emmets, or ants; their eggs, production, progress, coming to maturity, use, &c. <i>King</i>	II 425	II 789
— Experiments on the necessity of air to the motion of ants <i>Boyle</i>	V 2054	
— Uncommon observations and experiments made with an acid juice; to be found in ants <i>Wray</i>	— 2063	— 791
— <i>Lifter</i>	— 2067	— 792
— An abstract of the Rev. Mr. Gould's account of English ants <i>Miles</i>	XLIV 357	IX 833
ANT-BEAR. An account of the ant-bear in the island of Ceilan <i>Strachan</i>	XXIII 1094	V 2 179
ANUS. An account of an animal resembling a whelp voided per anum by a male greyhound <i>Halley</i>	XIX 316	II 904
— Bones of a foetus voided by anum some years after conception <i>Murley</i>	— 486	
— The head and ribs of a foetus brought forth by the anus <i>Lindelftolpe</i>	XXXIII 171	VII 557
— An account of a fork put up the anus, that was afterwards drawn out through the buttock <i>Payne</i>	— 408	— 521
— Account of the preternatural delivery of a foetus at the anus <i>Nourse</i>	XXXVI 435	— 559
— Case of the bones of a foetus coming away by the anus <i>Winthorpe</i>	XLIII 304	XI 1015
— <i>Simon</i>	— 529	— 1016
— A letter concerning a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it <i>Huxham</i>	XLV 525	— 1020
— An account of a suppression of urine cured by a puncture made in the bladder through the anus <i>Robert Hamilton</i>	LXVI 578	
AORTA. An account of an extraordinary aneurisma of the arteria aorta near the basis of the heart, with the symptoms thereof <i>Lefage</i>	XXII 666	
— An account of an aneurism of the heart <i>Dod</i>	XXXV 436	— 566
Observations on the above <i>Nicholls</i>	— 440	— 569
APER MEXICANUS MOSCHIFERUS. The anatomy of the Mexico Musk Hog <i>Tyson</i>	XIII 359	II 873
APHELIA. A direct and geometrical method by which the aphelia excentricities, and proportion of the orbs of the principal planets, may be found without supposing the equality of the angle of motion at the other focus of the planet's ellipsis <i>Halley</i>	XI 683	I 258
APHIDES. Observations on the aphides of Linnæus <i>Richardson</i>	LXI 182	

	Transl.	Abidg.
APHYLLON. An account of <i>aphyllon</i> and <i>dentaria</i> <i>heptaphylos</i> of <i>Clusius</i> , omitted by Mr. Ray		
- - - <i>William Watson</i>	XLVII 428	
APOGEE. Considerations concerning <i>Mercator's</i> geometric and direct method for finding the apogees, eccentricities and anomalies of the planets	V 1158	I 253
— A letter concerning the mean motion of the moon's apogee - <i>Murdoch</i>	XLVII 62	
APOGEE. See <i>Planet</i> .		
APONENSIAN. An account of the <i>Aponensian</i> Baths near <i>Padua</i> - <i>Doddington</i>	VII 4067	II 344
APOPLEXY. Phenomenon observed in the body of a noble Woman who died of an apoplexy <i>Cole</i>	XV 1068	III 29
APOSTHEM. Cure of one who swallowed a knife, which lay in his stomach a year and 7 months, and then worked out at an aposthem on his breast - <i>Sloane</i>	XIX 120	
APOSTHEMATIOM. A letter concerning the cure of an aposthematation of the lungs - <i>Wright</i>	XXIII 1379	
— - - <i>Cowper</i>	— 1386	V 227
APPLEBY. See <i>Water</i> .		
APPLES. Of an excellent liquor made with cyder-apples and mulberries - <i>Colepriest</i>	II 502	
— Observations on insects bred in rain-water, in apples, cheese, &c. - <i>Leeuwenhoek</i>	XVIII 194	III 685
— An account of a new sort of molasses made of apples - <i>Dudley</i>	XXXII 231	VI 2 379
— The effects which the farina of the blossoms of different sorts of apple-trees had on the fruit of a neighbouring tree - <i>Cook</i>	XLIII 325	X 751
— A letter concerning a mixed breed of apples from the mixture of the farina <i>Cooke</i>	XLV 602	X 752
— Part of a letter concerning the effects of the mixture of the farina of apple-trees <i>Cooke</i>	XLVI 205	X 752
— Singular observations upon the <i>Manchenille</i> apple - <i>Peyssonel</i>	L 772	
APPLES. See <i>Cyder</i> .		
APPROXIMATION. An attempt towards the improvement of the method of approximations, in the extraction of the roots of equations in numbers - <i>Taylor</i>	XXX 610	IV 80
— Concise rules for computing the effects of refraction and parallax, in varying the apparent distance of the moon from the sun or a star: also an easy rule of approximation for computing the distance of the moon from a star,		

	Transf.	Abridg.
the longitudes and latitudes of both being given, with demonstrations of the same - <i>Maskeelyne</i>	LIV 263	
APPULSES. Appulses of the moon to Saturn, and the fixed stars observable in the year 1671 foretold, and reduced to the meridian and latitude of London - <i>Flamsteed</i>	V 2029	I 453
— Letters concerning the appulses of the moon for 1673, and the other planets to the fixed stars, together with an observation of the planet Mars - <i>Flamsteed</i>	VII 5118	- 265,424
— The appulses of the moon, and other planets to the fixed stars, predicted for 1674 - <i>Flamsteed</i>	VIII 6162	III 149
— An advertisement to astronomers, of the advantages that may accrue from the observations of the moon's frequent appulses to the Hyades, during the course of the three next ensuing years - - -	XXX 692	IV 298
— On the method of determining the places of the planets, by observing their near appulses to the fixed stars - <i>Halley</i>	XXXI 209	VI 170
— A new method of calculating eclipses, particularly of the earth, and of any appulses of the moon to planets and fixed stars - <i>Gersten</i>	XLIII 22	
— An account of an appulse of the moon to Jupiter, observed at Chelsea - <i>Dunn</i>	LIII 31	
AQUAFORTIS. A letter containing some microscopical observations upon the chrystallized particles of silver dissolved in aqua fortis - <i>Leeuwenhoek</i>	XXVII 20	V 2 267
— Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigrease and false leaf-gold with aquafortis - <i>Baker</i>	LIV 15	
AQUATIC ANIMAL. Account of a strange aquatic animal as viewed in the microscope - <i>Baker</i>	XLII 416	IX 38
AQUATIC INSECT. A description of a very remarkable aquatic insect, found in a ditch of standing water near Norwich - <i>King</i>	LVII 72	
AQUEDUCT. An account of an aqueduct designed for carrying the river Eure to Versailles - <i>Anon.</i>	XV 1016	I 594
— A farther account of the aqueduct near Versailles - - - <i>Anon.</i>	— 1206	— —
ARABIAN FIGURES. An account of an antient date in Arabian figures upon the north front of the parish church of Rumney in Hampshire - <i>Barlow</i>	XLI 652	IX 431
— A brief inquiry into the reading of two dates in - <i>E</i>		Arabian

	Transf.	Abridg.
Arabian figures cut upon stones, which were found in Ireland - <i>Ward</i>	XLLI 283	XI 126c
— A description of an antient date in Arabian figures at Walling, near Aldermarston, Berkshire - <i>Ward</i>	XLV 603	— 1267
— See <i>Datr.</i>		
ARALIASTRUM. Account of a new genus of plants called Araliastrum, of which the famous Nin-Zin, or Gin-seng of the Chinese, is a species - <i>Vaillant</i>	XXX 705	IV 2 319
ARC. An investigation of a general theorem for finding the length of any arc of any conic hyperbola by means of two elliptic arcs, with some other new and useful theorems deduced therefrom - <i>Landen</i>	LXV 283	
ARCH. An account of the appearance of several unusual parhelia, or mock suns, together with several circular arches lately seen in the air <i>Halley</i>	XXIII 1127	— 228
— Extracts of several letters concerning the appearance of several arches of colours contiguous to the inner edge of the common rainbow at Petworth - <i>Langwith</i>	XXXII 241	VI 122
Another letter, with some reflections on the same subject - <i>Pemberton</i>	— 245	— 123
— Account of a luminous arch, Feb. 16, 1749 - <i>Cooper</i>	XLVI 647	X 507
ARCHIMEDES. Extract of a letter concerning Mr. de Buffon's re-invention of Archimedes's burning specula - <i>Buffon</i>	XLV 504	— 195
— Observations upon father Kircher's opinion concerning the burning of the fleet of Marcellus by Archimedes - <i>Parsons</i>	XLVHI 621	
ARCHIPELAGO. A relation of the raining of ashes in the Archipelago, upon the eruption of mount Vesuvius, some years ago <i>Robinson</i>	I 377	II 143
— Observations in travels from Venice through Istria, Dalmatia, Greece, and the Archipelago, to Smyrna - <i>Verno</i>	XI 573	
ARCTURUS. An enquiry into the quantity and direction of the proper motion of Arcturus with some remarks on the diminution of the obliquity of the ecliptic - <i>Hornby</i>	LXIII 93	
ARCUTIO. Extract of a letter concerning the arcuto-lay children in, to preserve them from being overlaid - <i>St. john</i>	XXXVII 256	VII 4 46
AREA. A specimen of a new method of comparing curvilinear areas; by which many such areas		

	Transf.	Abridg.
may be compared, as have not yet appeared to be comparable by any other method <i>Landen</i>	LVIII 174	
— Theorems concerning the greatest and least areas of polygons inscribing and circumscribing the circle - - <i>Horsley</i>	LXV 361	
— Some new theorems for computing the areas of certain curved lines - <i>Landen</i>	LX 441	
— See <i>Curve</i> .		
AREOMETER. Description and use of a new areometer - - <i>Fahrenheit</i>	XXXIII 140	VI 326
AREOMETRY. An essay on pyrometry, and areometry, and on physical measures in general - - <i>De Luc</i>	LXVIII 419	
ARITHMETICK. An extract of two essays in political arithmetick concerning the comparative magni de of London and Paris <i>Petty</i>	XVI 152, 237	
— An arithmetical paradox concerning the chances of lotteries - - <i>Roberts</i>	XVII 677	III 679
— An account of a person who can neither read nor write, yet will reckon sums with great exactness - - <i>Locke</i>	XXII 893	V 2 219
— A short account of negative-affirmative arithmetick - - <i>Calfon</i>	XXIV 161	VI 1
— The description and use of an arithmetical machine invented by - <i>Gersten</i>	XXXIX 79	VIII 16
— On the arithmetic of impossible quantities - <i>Playfair</i>	LXVIII 318	
ARM. An account of the cure of two sinuous ulcers possessing the whole arm, with the extraordinary supply of a callus which fully answers the purposes of the Os Humeri lost in time of cure - - <i>Fawler</i>	XXV 2466	V 388
— An account of the man whose arm, with the shoulder-bone, was torn off by a mill, Aug. 15, 1737 - - <i>Belchier</i>	XL 313	IX 266
— The case of Mary Howell, who had a needle run into her arm and came out at her breast - - <i>Anon.</i>	XLI 767	— 238
— An extraordinary case of a fracture of the arm - <i>Freke</i>	XLVI 397	XI 1108
— An account of a cure of a paralytic arm by electricity - - <i>Hart</i>	XLIX 558	
— An account of a remarkable operation on a broken arm - - <i>White</i>	I 637	
— An account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the		

	Transf.	Abridg.
bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking place; and which may also be of service in fractures happening near the head of that bone		
— <i>Le Cat</i>	LVI 270	
— Account of a woman enjoying the use of her right arm after the head of the Os Humeri was cut away	LXIV 353	
— <i>Bent</i>		
ARMADILLA. An account of an American armadilla	LIV 57	
— <i>W. Watson</i>		
ARMENUS. Of an Hungarian Bolus of the same effects with the Bolus Armenus	I 11	II 457
— <i>Anon.</i>		
AROMATIC. An account of an insect feeding upon henbane, the horrid smell of which is in that creature so qualified thereby, as to become in some measure aromatical; together with the colour yielded by the eggs of the same	VI 2176	— 783
— <i>Lifter</i>		
ARSENIC. Letter concerning cobalt, and the preparations of smalt and arsenic	XXIV 1754	V 420
— <i>Kreig</i>		
ARTERIES. An account of some animals that, having lungs, are yet found to be without the arterious vein; together with some other curious particulars	VIII 6040	III 256
— <i>Swammerdam</i>		
— Some probable thoughts of the whiteness of the chyle, and what it is after it is conveyed within the arteries	XIII 242	— 106
— <i>Lifter</i>		
— An account of divers schemes of arteries and veins, dissected from adult human bodies by J. Evelyn. To which are subjoined a description of the extremities of those vessels, and the manner the blood is seen by the microscope to pass from the arteries to the veins in quadrupeds when living: with some surgical observations and figures after the life	XXIII 1177	V 134
— <i>Cruiper</i>		
— Of ossifications or petrefactions in the coats of arteries, particularly in the valves of the great artery	XXIV 1970	— 347
— <i>Cruiper</i>		
— A letter concerning the ossification of the crural artery	XXXI 226	VII 511
— <i>Naisb</i>		
— Two newly-discovered arteries in women going to the Ovaria	XXXIV 159	— 541
— <i>Ranby</i>		
— Extract of a letter concerning some remarkable experiments made upon the arteries of horses,		

with

with the powder of lycoperdon, or lupi-crep- tus, by Monsieur La Foſſe <i>Latterman</i>	Transf.	Abridg.
ARTERIES OF LEAVES. See <i>Leaves</i> .	XLIX 37	
ARTERIES. See particular ones in their places.		
ARTICULATING CARTILAGES. Account of the Structure and diſeaſes of <i>William Hunter</i>	XLII 514	IX 267
ARTS. A letter concerning ſome obſervations on the Mechanic arts of the Indians <i>Papin</i>	XXVIII 225	V 2 182
ASBESTUS. An account of a ſort of paper made of linum aſbeſtinum, found in Wales <i>Lloya</i>	XIV 823	II 529
— A letter concerning ſome incombuiſtible cloth — — — — — <i>Waite</i>	XV 1049	II 549, 550
— Another on the above — — — — — <i>Plu</i>	— 1051	— —
— Letter concerning the aſbeſtus, and manner of ſpinning, and making an incombuiſtible cloth thereof — — — — — <i>Ciampini</i>	XXII 911	IV 2 282
— An account of the lapis amianthus, aſbeſtus or linum incombuiſtible, lately found in Scotlan: — — — — — <i>Wilson</i>	— 1004	— - 283
— Part of a letter giving an account of the aſb. tus, or lapis amianthus, found in the Highlands of Scotland — — — — — <i>Blair</i>	XXVII 434	- - 285
— An account of a late diſcovery of aſbeſtos in France — — — — — <i>Needham</i>	LI 837	
ASCENSION. Some remarks upon the method of ob- ſerving the differences of right aſcenſion and declination by croſs hairs in a teleſcope — — — — — <i>Halley</i>	XXXI 113	VI 165
— Deſcription of a method of meaſuring differ- ences of right aſcenſion and declination, with Dollond's micrometer, together with other new applications of the ſame <i>Mafkelyne</i>	LXI 536	
ASCENT. Several experiments touching the ſeeming ſpontaneous aſcent of water — — — — — <i>Haukſbee</i>	XXVI 258	- 2 181
— — — — — <i>Haukſbee</i>	— 265	
ASCITES. Remarks taken upon diſſecting the body of a maid about 30 years of age, who died of an aſcites — — — — — <i>Anon.</i>	XVIII 15	III 140
— Cured by tapping — — — — — <i>Banyer</i>	XLII 628	IX 151
— An improvement on the practice of tapping, whereby that operation, inſtead of a relief for ſymptoms, becomes an abſolute cure for an aſ- cites, exemplified in the caſe of Jane Roman — — — — — <i>Warwick</i>	XLIII 12	XI 1030
— A method of conveying liquors into the abd- men during the operation of tapping <i>Hales</i>	— 20	— 1034
		— Fur.

	Transf.	Abidg.
— Further accounts of the success of injecting medicated liquors into the abdomen in the case of an ascites - <i>Warren</i>	XLIII 47	
ASHES. A relation of the raining of ashes in the Archipelago, upon the eruption of Mount Vesuvius, some years ago - <i>Robinson</i>	I 377	II 143
— A letter concerning tobacco-ashes <i>Leeuwenhoek</i>	XXIV 1740	V 2 267
ASH TREES. An account of insects in the barks of decaying elms and ashes - <i>Dudley</i>	— 1859	V 13
ASHFORD. Vide <i>Monument</i> .		
ASIA. Observations concerning some of the most considerable parts of Asia from Tavernier's voyages - <i>Oldenburg</i>	XI 711	
More observations of M. Tavernier's voyages - <i>Oldenburg</i>	— 751	
— Extract of a letter concerning the discoveries of the Russians on the north-east coast of Asia - <i>Euler</i>	XLIV 421	X 251
— A letter concerning the distances between Asia and America - <i>Dobbs</i>	— 471	X 252
— A short account of some new astronomical and physical observations made in Asia <i>Porter</i>	XLIX 251	
ASPERIÆ ARTERIÆ. An account of some particular advantages in the structure of the asperiæ arteriæ, or wind-pipes of several birds, and in the land tortoise -	LVI 204	
ASSAYING. A new method of assaying copper ore - <i>Fordyce</i>	LXX 30	
ASTERISMS. See <i>Sphere</i> .		
ASTHMA. Observations on shortness of breath - <i>Leeuwenhoek</i>	XXIII 1137	V 2 264
— Observations concerning shortness of breath - <i>Leeuwenhoek</i>	— 1143	
— An account of what appeared on opening the body of — St. Johns, Esq. who died of an asthma July 2, 1705, aged 72 years - <i>Cowper</i>	XXVII 534	
— A letter giving an account of a polypus, resembling a branch of the pulmonary vein coughed up by an asthmatic person - <i>Nicholls</i>	XXXVII 123	VII 504
— An account of what appeared on opening the body of an asthmatic person <i>W. Watson</i>	LIV 239	
ASTRONOMY. An account of such of the more notable celestial phenomena of the year 1670 as will be conspicuous in the English horizon - <i>Fiamstrad</i>	IV 1099	I 453

	Transf.	Abridg.
— Emenations and notes upon the ancient astronomical tables of Albatenius, with the reformation of his luni-solar tables - <i>Halley</i>	XVII 913	III 522
— An advertisement to astronomers, of the advantages that may accrue from the observation of the moon's frequent appulses to the Hyades, during the three next ensuing years	XXX 692	IV 298
— Of great and small things which occur in the motion of the heavenly bodies	— 952	
— Some allowances to be made in astronomical observations for the refraction of the air, with an accurate table of refractions - <i>Halley</i>	XXXI 169	VI 167
— A letter concerning the Chinese chronology and astronomy - <i>Coffard</i>	XLIV 476	XI 1232
— Remarks upon the solar and lunar years, the cycle of 19 years, commonly called the Golden Number, the Epact, and a method of finding the time of Easter, as it is now observed in most parts of Europe <i>Earl of Macclesfield</i>	XLVI 417	X 131
— Essay on the precession of the equinoxes and the nutation of the earth's axis <i>Walmesley</i>	XLIX 704	
— A theory of the irregularities that may be occasioned in the annual motion of the earth by the actions of Jupiter and Saturn <i>Walmesley</i>	— 737	
— Introduction to two papers of Mr. John Smeaton - <i>Maskeelyne</i>	LVIII 154	
— A discourse concerning the menstrual parallax, arising from the mutual gravitation of the earth and moon: its influence on the observation of the sun and planets; with a method of observing it - <i>Smeaton</i>	— 156	
— Description of a new method of observing the heavenly bodies out of the meridian - <i>Smeaton</i>	— 170	
— Geometrical solutions of three celebrated astronomical problems - <i>Pemberton</i>	LXII 434	
— A proposal for measuring the attraction of some hills in this kingdom by astronomical observations - <i>Maskeelyne</i>	LXV 495	
ASTRONOMICAL OBSERVATIONS. An account of some observations made in Spain by the Earl of Sandwich -	I 390	I 562 II 185
— Astronomical observations partly already made, partly to be made - <i>Flamsteed</i>	VII 5034	I 348, 385, 424
— The use of telescopic sights in astronomical observations - <i>Hevelius</i>	IX 27	— 221
— An astronomical dissertation on the visible conjunction		

	Transf.	Abridg.
junction of the inferior planets with the sun		
— Astronomical observations at China <i>Halley</i>	XVII 511	I 427
— Letter relating to some astronomical observations at China <i>Jesuits</i>	XX 53	
— Observations at Greenwich in 1711, 1712 <i>Cassini</i>	— 371	— 427, 569
— British astronomical observations made at Greenwich in 1713 <i>Flamsteed</i>	XXVIII 65	IV 281
— Some late curious astronomical observations made at Wansted <i>Flamsteed</i>	XXIX 285	— 291
— Accurate astronomical observations made in the last and the current year <i>Pound</i>	— 401	— 303
— Astronomical observations communicated to the Royal Society <i>Anon.</i>	XXX 847	
— Astronomical observations made at Southwick, Northamptonshire, with a 13 foot telescope, by apparent time <i>Anon.</i>	— 1109	— 336
— Astronomical observations at Lisbon in 1725 and 1726 <i>Lynn</i>	XXXIV 66	VI 223, 240
— Astronomical observations made at Toulon <i>Carbone</i>	— 90	VI 240
— Astronomical observations made at Vera Cruz by Mr. Harris; revised and communicated by <i>Laval</i>	— 100	— 241
— Astronomical observations made at Lisbon in 1726 <i>Halley</i>	XXXV 388	— 147
— Astronomical observations made at Lisbon in 1726 <i>Carbone</i>	— 408	VI 241
— Astronomical observations made at Lisbon <i>Carbone</i>	— 471	— 177
— Astronomical observations made at Bologna <i>Manfredi</i>	— 534	— 244
— Astronomical observations made at Pekin, 1724 <i>Kogler</i>	— 553	— 199, 239, 251
— Astronomical observations made at Ingolstadt, 1726 <i>Jesuits</i>	— 556	VI 176, 242, 251, 252
— Astronomical observations made at Pekin from Nov. 1727 to Nov. 1728 <i>Missionaries</i>	XXXVI 366	— 210, 218, 245
— Astronomical observations made at Pekin in 1728 and 1729 <i>Missionaries</i>	— 455	— 218, 222, 246
— Astronomical, physical, and meteorological observations in 1733 at Witemberg <i>Weidler</i>	XXXIX 238	VIII 178
— Astronomical observations made at Pekin by the jesuits, from Nov. 1740 to Oct. 1741 <i>Hodgson</i>	XLII 306	— 183, 186, 208
— Astronomical observations made at Paraguay, in South America, from 1706 to 1730 <i>De Castro Sarmiento</i>	XLV 667	X 118

— Astro-

	Transl.	Abridg.
— Astronomical observations made at Paraguay		
— Astronomical observations made at Pekin in China, 1747 and 1748	XLVI 8	X 123
— Astronomical observations at Pekin in 1746 and 1747	— 305	— 124
— Extracts from the astronomical observations made at Pekin in 1744 and 1747, by the Jesuits	XLVII 319	
— Astronomical observations in London	— 376	
— An account of some astronomical observations made at Lisbon, 1753	XLVIII 301	
— A letter on the advantage of taking the mean of a number of observations in practical astronomy	— 548	
— A short account of new astronomical and physical observations made in Asia	XLIX 82	
— Remarks on a passage of the editor of the <i>Connoissance des Mouvements Célestes pour l'Année 1762</i>	— 251	
— Astronomical observations at Swetzingen	LII 366	
— Astronomical observations made at the Island of St. Helena	LIV 165	
— Astronomical observations made at the Island of Barbadoes; at Willoughby Fort, and at the Observatory on Constitution Hill, both adjoining to Bridge Town	— 348	
— Astronomical observations made at Vienna	— 389	
— Astronomical observations made in several parts of the kingdom of Naples and Sicily	LV 130	
— Astronomical observations made in the forks of the river Brandiwine in Pennsylvania, for determining the going of a clock sent thither by the Royal Society, in order to find the difference of gravity between the Royal Observatory at Greenwich, and the place where the clock was set up in Pennsylvania	LVIII 196	
— Astronomical observations made at Swetzingen, 1767 and 1768	— 329	
— Astronomical observations made by Samuel Holland, Esq. and others, in North America	— 345	
— Astronomical observations made at the North Cape for the Royal Society	LIX 247	
— Astronomical observations made by order of the Royal Society, at Prince of Wales's Fort, on	— 262	

	Transf.	Abridg.
the north-west coast of Hudfon's Bay		
— <i>Wales and Dymanid</i>	LIX 467	
Astronomical observations made at Cavan, near Strabane, in the county of Donegal, Ireland, by appointment of the Royal Society, 1769		
— <i>Major</i>	LX 454	
Astronomical observations in America	— 497	
— Astronomical observations at King George's Island, in the South Seas	LXI 397	
— Several astronomical observations made at Portsmouth	LXII 33	
— Astronomical observations made at Chislehurst in Kent, 1772	LXIII 67	
— Astronomical observations by the missionaries at Pekin	LXIV 31	
— Astronomical observations for ascertaining the longitude of several places in the North district of North America	— 182	
— Astronomical observations made at Chislehurst, in Kent, 1773	— 329	
— Astronomical observations made at Leicester for determining the latitude of the place	LXV 366	
— Astronomical observations made in the Austrian Netherlands in 1772 and 1773	LXVI 182	
— Astronomical observations made in the Austrian Netherlands in the years 1773, 1774, and 1775	LXVIII 637	
— Extracts of three letters containing some astronomical observations; together with the longitude of Cork deduced from the said observations	LXIX 163	
— Astronomical observations relating to the Mountains of the Moon	LXX 507	
ATMOSPHERE. A new experiment concerning an effect of the varying weight of the atmosphere upon some bodies in the water	VII 5156	II 204
— The barometrical method of measuring the heights of mountains, with two new tables shewing the height of the atmosphere at given altitudes of Mercury	XXXV 537	VI 2 30
— An astronomical dissertation on the lunar atmosphere	XLI 261	VIII 172
— Some observations of the planet Venus, on the disk of the sun, June 6, 1761; with a preceding account of the method taken for verifying the time of that phenomenon; and certain		

	Transf.	Abridg.
reasons for believing there is an atmosphere about Venus <i>Dunn</i>	LII 184	
— Certain reasons for a lunar atmosphere <i>Dunn</i>	— 578	
— Theorems concerning the electrical atmosphere <i>Baccaria</i>	LX 277	
— A letter inclosing an account of some observations on atmospherical electricity; in regard to fog, mists, &c. with some remarks <i>Ronayne</i>	LXII 137	
— Extraordinary electricity of the atmosphere observed at Islington in October 1775 <i>Cavallo</i>	LXVI 407	
— Observations on the annual evaporation at Liverpool, in Lancashire, and on evaporation considered as a test of the moisture or dryness of the atmosphere <i>Dobson</i>	LXVII 244	
— Observations made in Savoy in order to ascertain the height of mountains by means of the baromet-r; being an examination of Mr. de Luc's rules, delivered in his "Recherches sur les Modifications de l'Atmosphere" <i>Shuckburgh</i>	— 513	
— See <i>Air</i> .		
ATTRACTION, A letter in which the laws of attraction, and other principles of physic, are shewn <i>Keill</i>	XXVI 97	IV 353
— A vindication of Dr. Freind's chemical lectures, wherein the objections (in <i>Actis Lipsiensibus</i> , Sept. 1710) brought against the attractive force of matter are removed <i>Freind</i>	XXVII 330	V 428
— An account of an experiment in order to discover the law of the magnetical attraction <i>Taylor and Hauksbee</i>	XXIX 294	IV 2 297
— Experiments and observations upon the light that is produced by communicating electrical attraction to animal or inanimate bodies, together with some of its most surprising effects <i>Gray</i>	XXXIX 16	VIII 397
— Investigations to prove that the figure of the earth nearly approaches to an ellipsis, according to the laws of attraction, in an inverse ratio of the square of the distances <i>Clairault</i>	XL 19	— 392
— A resolution of a general proposition for determining the horary alteration of the position of the terrestrial equator from the attraction of the sun and moon, with some remarks on the solutions given by other authors to that difficult and important problem <i>Simpson</i>	L 416	
— Of the irregularities in the planetary motions,		

	Transf.	Abridg.
caused by the mutual attraction of the planets		
— A proposal for measuring the attraction of some hills in this kingdom by astronomical observations	<i>Wuinslesley</i> LII 275	
— An account of observations made on the mountain Schehallien for finding its attraction	<i>Maskeelyne</i> LXV 425	
— On the precession of the equinoxes produced by the sun's attraction	— 500	
— Calculations to determine at what point in the side of a hill its attraction will be the greatest	<i>Milner</i> LXIX 505	
—	<i>Hutton</i> LXX 1	
ATTRITION. Several experiments on the attrition of bodies in vacuo	<i>Hauksbee</i> XXIV 2165	IV 2 180
— An account of an experiment touching the extraordinary electricity of glass produceable on a smart attrition of it; with a continuation of experiments on the same subject, and other phenomena	<i>Hauksbee</i> XXV 2327	— - -
—	<i>Hauksbee</i> — 2332	— - -
— Several experiments shewing the strange effects of the effluvia of glass, produceable on the motion and attrition of it	<i>Hauksbee</i> — 2372	— - -
— An account of some experiments touching the electricity and light produceable in the attrition of several bodies	<i>Hauksbee</i> XXVI 87	
— An account of an experiment shewing, that an object may become visible through such an opaque body as pitch in the dark, while it is under the circumstances of attrition and a vacuum	<i>Hauksbee</i> — 391	— - -
AURORA AUSTRALIS. An account of an Aurora Australis observed at Rome Jan. 27, 1740. (Lat.)	<i>Revillus</i> XLI 744	VIII 554
— An observation of the lights seen in the air, an Aurora Australis, March 18, 1738-9, at London	<i>Mortimer</i> — 839	— 553
— Another account of	<i>Martyn</i> — 840	— 552
— Another observation of, at Peterborough	<i>Newe</i> — 843	— 554
— Seen at Chelsea January 23, 1749-50	<i>Martyn</i> XLVI 319	X 488
AURORA BOREALIS. An account of two late northern Auroras, observed at Sutton, and Hone in Kent, on Feb. 5, 1716-7, and March 30, 1716	<i>Barrel</i> XXX 584	IV 2 153
— An account of that seen 30th of March at London	<i>Folkes</i> — 586	— - 154

	Transf.	Abridg.
— An account of a very extraordinary Aurora Borealis seen at London Nov. 10, 1719, both morning and evening — <i>Halley</i>	XXX 1099	IV 2 163
Another account of the above seen at Cruwys Morehard in Devonshire — <i>Maulender</i>	— 1101	— - 164
Seen at Dublin —	-- 1104	— - 165
Another seen Dec. 11, at Streatham, Surrey — <i>Hearne</i>	— 1107	— - 167
— An account of an Aurora Borealis, Feb. 6, 1720-1, observed at Dublin <i>J. W.</i>	XXXI 180	VI - 86
Another seen the same day at Cruwys Morehard, in Devonshire; with an account of the weather both before and after it <i>Cruwys</i>	— 186	— - 89
— Observations on Auroræ Boreales made for four years, at Lynn in Norfolk <i>Anon.</i>	XXXII 300	— - 92
— Observations on a northern light, seen Sept. 20, 1717, near Upsal — <i>Burman</i>	XXXIII 175	— - 84
— An account of an Aurora Borealis seen Sept. 1725, in Ireland — <i>Dobbs</i>	XXXIV 128	— - 93
— — — — — Petworth, Suffex, Oct. 8, 1726 — <i>Langwith</i>	— 132	— - 95
— — — — — Plymouth, Oct. 8, 1726 — <i>Huxham</i>	— 137	— - 97
— — — — — Exon, Oct. 8, 1726 <i>Hallet</i>	— 143	— - 100
— — — — — — — — — <i>Hadley</i>	— 146	— - 102
— — — — — Geneva, Oct. 8, 1726 — <i>Calandrini</i>	— 150	— - 104
— Observations on the Lumen Boreale, or streaming, on Oct. 8, 1726 <i>Derham</i>	— 245	— - 105
Southwick, in Northamptonshire, Oct. 8, 1726 — <i>Lynn</i>	— 253	— - 109
A register of observations of the northern lights for four years — <i>Rastrick</i>	— 255	— - 113
— An account of the Lumen Boreale, as seen at several times, Jan. 4, 1726-7 <i>Langwith</i>	XXXV 301	— - 111
Another description of an Aurora Borealis, Jan. 4, 1726-7 — <i>Anon.</i>	— 304	— - 112
— Extract of several letters, &c. from different parts of Europe relating to the Aurora Borealis seen Oct. 19, 1726, N. S. —	— 453	— 292
— A letter containing a description of some uncommon appearances observed in an Aurora Borealis — <i>Derham</i>	XXXVI 137	— 2 113
— An account of an Aurora Borealis, attended with unusual appearances <i>Cramer</i>	— 279	— - 114
— An account of an Aurora Borealis seen in New England Oct. 22, 1730 <i>Greenwood</i>	XXXVII 55	— - 115

	Transf.	Abridg.
At Annapolis, in Maryland, Oct. 22, 1730 <i>Lewis</i>	XXXVII 69	VI 2 122
— A description of the Aurora Borealis seen at Wirtemberg 1732 — <i>Weidler</i>	XXXVIII 291	VIII 574
— Observations on an Aurora Borealis at London, Sept. 13, 1735, and Oct. 4. <i>Celsius</i>	XXXIX 241	— 548
— Observations on several Auroræ Boreales — <i>Weidler</i>	— 266	— 550
— Observations of one Dec. 11, 1735 <i>Neuve</i>	XL 52	— 508, 551
— Letter from Edinburgh giving an account of an Aurora Borealis — <i>Short</i>	XLI 368	— 552
— A collection of the observations of the remarkable red lights seen in the air Dec. 5, 1737, at Naples — <i>Prince of Castino</i>	— 583	— 527
Padua — <i>Marq. Poleni</i>	— 587	— 529
Bononia — <i>Zanotti</i>	— 593	— 532
Rome — <i>Revillas</i>	— 601	— 536
Edinburgh — <i>Short</i>	— 605	— 538
Suffex — <i>Fuller</i>	— 606	— 539
— Observed at Chelsea Feb. 16, 1749-50 — <i>Martyn</i>	XLVI 345	X 484
Observed at Tooting Jan. 23, 1750-1 <i>Miles</i>	— 346	— —
— Observations on the northern lights seen Feb. 15 and 16, 1749-50 — <i>Huxham</i>	— 472	— 485
— Abstracts of several observations of Au- roræ Boreales lately seen — <i>Baker</i>	— 499	— —
— An account of an Aurora Borealis ob- served at the Hague Feb. 27, 1750 <i>Gabrias</i>	XLVII 39	
— An attempt to account for the regular di- urnal variation of the horizontal magnetic needle, and also for its irregular variation at the time of an Aurora Borealis <i>Canton</i>	LI 398	
— Extract of a letter relating to a remark- able Aurora Borealis at Philadelphia, and at London, Nov. 12, 1757 — <i>Bartram</i>	LII 474	
— Observations on an Aurora Borealis in Sweden — <i>Bergman</i>	— 479	
— An account of a remarkable Aurora Bo- realis observed at Paris Aug. 6, 1768 <i>M. Messier</i>	LIX 86	
— An account of two Auroræ Boreales ob- served at Oxford Feb. 26, 1769, and Sept. 9, 1769 — <i>Swinton</i>	— 367	
— Observations of two Auroræ Boreales seen Aug. 6, and Dec. 5, 1768 <i>M. Messier</i>	— 454	
— Remarks on the Aurora Borealis in Sept. 1769 — <i>Winn</i>	XLIV 128	
— See <i>Lights in the Air, Meteor.</i>		

	Transf.	Abrieg.
AURUM MOSAICUM. Experiments to shew the nature of Aurum Mosaicum - <i>Woulfe</i>	LXI 114	
AVERDUPOISE. An account of a comparison lately made by some gentlemen of the Royal Society of the standard of a yard, and the several weights lately made for their use, with the original standards of measures and weights in the Exchequer, and some others kept for public use, at Guildhall, Founders-hall, the Tower, &c. - <i>Grabam</i>	XLII 541	IX 491
— A state of the English weights and measures of capacity, as they appear from the laws, as well ancient as modern, with some considerations thereon; being an attempt to prove that the present averdupoise weight is the legal and ancient standard for the weights and measures of this kingdom - <i>Reynardson</i>	XLVI 54	XI 1356
— Short and easy methods for finding the number of troy pounds, contained in any given number of averdupoise pounds, and vice versa - - <i>Ferguson</i>	LV 61	
AVERNI. An extract of an essay entitled, 'On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the ancients called Avernus' - <i>Brownrigg</i>	-- 236	
AUSTRIA. Directions and enquiries, with their answers, concerning the mines, minerals, baths, &c. of Austria <i>Oldenburg and Brown</i>	V 1189	II 523, 585 III 631
AUTHORS. Letter on judging of the age of learned authors by the style - <i>Wanley</i>	XXIV 1993	V 21
AXIS. Of a permanent spot in Jupiter: by which is manifested the conversion of Jupiter about his own axis. <i>Hooke, Cassini, and Oldenburg</i>	I 143	I 383, 400
— Description and uses of an instrument for finding the distances of Jupiter's satellites from his axis, with the help of the table of parallaxes and catalogue of eclipses, printed in the preceding transactions - <i>Flamsteed</i>	XV 1262	— 404
— The dimensions of the solid generated by the conversion of Hippocrates Lunula, and its parts about several axes, with the surfaces generated by that conversion - <i>Demouville</i>	XXII 624	— 29
— An examination of a new-invented axis in Petrochio,		

	Transl.	Abridg.
ritrochio, said to be void of friction; with an experiment to confirm the reasoning made upon an axis in Peritrochio, first used in M. Perreault's manner, then in the common way		
- - - <i>Desaguliers</i>	XXXVI 222	VI 317
A farther examination of the above <i>Desaguliers</i>	- 228	- 320
— An enquiry concerning the figure of such planets as revolve about an axis, supposing the density continually to vary from the center to the surface - - - <i>Clairault</i>	XL 277	VIII 90
— Two letters concerning the rotatory motion of glass tubes about their axes, when placed in a certain manner before the fire <i>Wheeler</i>	XLIII 341	X 551
— Essay on the precession of the equinoxes and the nutation of the earth's axis <i>Walmesley</i>	XLIX 704	
A theory of the irregularities that may be occasioned in the annual motion of the earth, by the actions of Jupiter and Saturn <i>Walmesley</i>	- 737	
AZIMUTH. The use of a new azimuth compass for finding the variation of the compass, or magnetic needle, at sea, with greater ease and exactness than by any yet calculated for that purpose - - - <i>Middleton</i>	XL 395	VIII 374
AZIMUTH COMPASS. See <i>Compass</i> .		
B.		
BACK. A case of an extraordinary exostosis on the back of a boy - - - <i>Frake</i>	XLI 369	IX 253
BACK-BONE. An account of a stone fastened to the back-bone of a horse <i>Giornale de Letterati</i>	VII 4094	II 164
BAGFORD. An essay on the invention of printing by John Bagford; with an account of his collections for the same - - - <i>Hanley</i>	XXV 2397	V 2 18
BAHAMA. Account of a poisonous fish in one of the Bahama Islands - - - <i>Looke</i>	X 312	II 842
BALANCES. An invention for estimating the weight of water in water, by ordinary balances and weights - - - <i>Boyle</i>	IV 1001	I 500
— A proposition on the balance, not taken notice of by mechanical writers, explained and confirmed by an experiment <i>Desaguliers</i>	XXXVI 128	
— An account of an experiment explaining a mechanical paradox, viz. that two bodies of equal weight, suspended on a certain sort of balance, do not lose their equilibrium, by being re-		

moved

	Transf.	Abridg.
moved one farther from, the other nearer to the center - - - <i>Defaguliers</i>	XXXVII 125	VII 310
— A letter shewing, that the electricity of glass disturbs the mariner's compass, and also nice balances - - - <i>Robins</i>	XLIX 242	X 328
— An account of a balance of a new construction, supposed to be of use in the woollen manufacture - - - <i>Ludlam</i>	LV 205	
BALCARRAS. Observables in the body of the earl of Balcarras - - - <i>Anon.</i>	I 86	III 158
BALL. Account of a ball extracted from a person who had suffered by it 30 years, in which was a plumb-stone - - - <i>Young</i>	XXIII 1279	V 261
— An extract of a letter concerning a ball voided by stool - - - <i>Thoresby</i>	XXIV 1595	— 281
— Account of a large ball voided by stool <i>Thoresby</i>	— 2164	— 365
— An account of balls of hair taken from the uterus and ovaria of several women <i>Younge</i>	XXV 2387	
— An account of balls made at Liege <i>Hanbury</i>	XLI 672	IX 501
— Account of vegetable balls which grow in a lake near the Humber in Yorkshire; with remarks by W. Watfon - - - <i>Dixon</i>	XLVII 498	
BALSAM. An observation and experiment concerning a mineral balsam found in a mine in Italy - - - <i>Castagna</i>	VI 3059	II 460
BARBADOES. Extract of a letter containing some observations made at Barbadoes <i>Lifter</i>	X 399	III 560
BARBARY. An account of the Moorish way of dressing their meat (with some remarks) in West Barbary, from Cape Spartel to Cape de Geer - - - <i>Jones</i>	XXI 248	— 626
BARK (MEDICINE). A letter concerning the jesuits bark - - - <i>Oliver</i>	XXIV 1596	IV 2 323
— Microscopical observations on the Cortex Peruvianus - - - <i>Leeuwenhoek</i>	XXV 2446	V 2 267
— An abstract of a book entitled, A short account of mortifications, and of the surprising effects of the bark, in putting a stop to its progress - - - <i>Douglas</i>	XXXVII 429	— 35
— Of the use of the Peruvian bark to a gangrene - - - <i>Skipton</i>	— 434	VII 647
— An account of the Peruvian, or jesuits bark, by Mr. John Gray; extracted from some papers given him by William Arrot, who had gathered it in Peru - - -	XL 81	VIII 776
— Extract of a letter concerning the bark preventing catching cold <i>Salter</i>	XLIV 1	X 762

	Transf.	Abridg.
— A letter concerning the use of the Peruvian bark in the small-pox - <i>Wilmer</i>	XLIV 583	XI 1035
— Of the use of the bark in the small-pox <i>Bayly</i>	XLVII 27	
— Case of the efficacy of bark in a mortification - <i>Grindall</i>	L 379	
— Ca'se of the efficacy of the bark in the delirium of a fever - <i>Munckley</i>	— 609	
— An account of the success of the bark of the willow in the cure of agues - <i>Stone</i>	LIII 195	
— Experiments on the Peruvian bark <i>Lee</i>	LV 95	
— Experiments on the Peruvian bark <i>Percival</i>	LVII 221	
— Description of the jesuits bark-tree of Jamaica and the Caribbees - <i>Wright</i>	LXVII 504	
BARK OF TREES. Observations concerning the uniting of barks of trees cut, to the tree itself <i>Merret</i>	II 453	III 706
— A letter concerning the barks of trees <i>Leerwenhoek</i>	XXIV 1843	V 2 267
— An account of insects in the barks of decaying elms and ashes - <i>Dudley</i>	— 1859	— 13
— Description and use of the cabbage-bark tree of Jamaica - <i>Wright</i>	LXVII 507	
BARNACLES. A relation concerning barnacles <i>Moray</i>	XII 925	II 849
— Some observations on the Scotch barnacle - <i>Robinson</i>	XV 1036	— 850
— An account of several rare species of barnacles - <i>Romilly</i>	L 845	
BAROMETER (Construction of the). A new contrivance of a wheel-barometer much more easy to be prepared, than that which is described in the micrography - <i>Hook</i>	I 218	— 252
— An account of a new kind of baroscope, which may be called statical; and of some advantages and conveniences it hath above the mercurial - <i>Boyle</i>	— 231	— 28
— Observations on several passages in the two last months Transactions relating to baroscopes - <i>Anon.</i>	X 533	
— A description of an invention, whereby the divisions of the barometer may be enlarged in any given proportions - <i>Hook</i>	XVI 241	— 10
— An account of some experiments about the height of the Mercury in the barometer at the top and bottom of the monument; and also about portable barometers - <i>Derham</i>	XX 2	— 10, 12, 14
— A letter about a contrivance to measure the height of the Mercury in the barometer, by a circle on one of the weather-plates, with		

	Transf.	Abridg.
a register of the weather, &c. for 1697		
- - - - - <i>Derham</i>	XX 45	II 12
— A way of measuring the height of Mercury in the barometer more exactly - <i>Gray</i>	- 176	- -
— An account of Dr. R. Hook's invention of the marine barometer, with its description and uses - <i>Halley</i>	XXII 791	IV 2 4
— Part of a letter giving an account of a new baroscope invented by - <i>Caswell</i>	XXIV 1597	- 2 6
— A proposal for measuring heights of places, by help of the barometer of Mr. Patrick, in which the scale is greatly enlarged <i>Halley</i>	XXXI 116	VI 2 28
— A description of a new barometer <i>Fahrenheit</i>	XXXIII 179	- - -
— A description of a barometer, wherein the scale of variation may be increased at pleasure - - - <i>Rowning</i>	XXXVIII 39	VIII 445
— The imperfections of the common barometers, and the improvement made in them by Charles Orme, of Ashby-de-la-Zouch, with some observations, remarks and rules for their use - - - <i>Beighton</i>	XL 248	- 455
— A description of a new thermometer and barometer - - - <i>Fitzgerald</i>	LII 146	
— An account of a new improvement of the portable barometer - - - <i>Spry</i>	LV 83	
— An account of some improvements made in a new wheel-barometer, invented by - - - <i>Fitzgerald</i>	LX 74	
BAROMETER (General observations on the). Observations continued upon the barometer, or rather balance of the air - <i>Boyle</i>	I 163	II 4
— Observations of the scaled weather-glass, and the barometer, both upon the phænomenon, and in general - <i>Wallis</i>	- 166	- 6
— Some observations and directions about the barometer - - - <i>Boyle</i>	- 181	- 5, 8
— Some observations concerning the baroscope and thermoscope - <i>Wallis and Beale</i>	IV 1113	- 5
— An attempt to render the cause of that odd phænomenon of the quicksilver's remaining suspended far above the usual height in the Torricellian experiment - <i>Hugens</i>	VII 5027	- 23
— Concerning the suspension of quicksilver well purged of air, much higher than the ordinary standard of the Torricellian experiment <i>Wallis</i>	- 5160	- 24
— A discourse concerning the rising and falling of the quicksilver in the barometer; and what		

	Transf.	Abridg.
may be gathered from its great rise in frosty weather, as to a healthy or sickly season <i>Lifter</i>	XIV 790	II 18
— Letter concerning the Torricellian experiment, tried on the top of Snowdon Hill, and the success of it — <i>Halley</i>	XIX 582	— 13.
— An experiment to shew the cause of the descent of the Mercury in the barometer in a storm — <i>Hauksbee</i>	XXIV 1629	IV 2 181
— Remarks on the second paper in the history of the Royal Academy of Sciences for 1711, concerning the cause of the variation of the barometer; to shew that the way of accounting for it in that paper is insufficient, and that the experiment made use of to prove what is there asserted, does no way prove it <i>Desaguliers</i>	XXX 570	— - 10
— Observation of an extraordinary height of the barometer, Dec. 21, 1721 <i>Graham</i>	XXXI 222	VI - 28.
— The middle height of the barometer for a year — <i>Cruikshank</i>	XXXIII 4	
— An experiment made in a silver mine at Sala about the ascent of Mercury in the barometer — <i>Celsius</i>	— 313	— - 48
— Observations of the difference of the heights of barometers. (Lat.) — <i>Hollman</i>	XLII 116	VIII 452
— Letters concerning the cause of the ascent of vapour and exhalation, and those of winds; and of the general phenomena of the weather and barometer — <i>Eeles</i>	XLIX 124	
BAROMETER (Observations on it at different places). Observations on the barometer at Jamaica <i>Berston</i>	XLIX 225	II 9
— Part of a letter accompanying his observations of the height of the Mercury in the barometer, rains, winds, &c. for the year 1698, at Upminster, in Essex — <i>Derham</i>	XXI 45	— 73, 102
— Some observations of the Mercury's altitude, with the changes of the weather at Emay in China — <i>Cunningham</i>	XXI 323	II 86
— A prospect of the weather, winds, and height of the Mercury in the barometer on the first day of the month, and of the whole rain in every month in 1703 and beginning of 1704, at Townley in Lancashire, by R. Townley, and at Upminster by W. Derham	XXIV 1877	
— Tables of the barometrical altitudes at Zurich in Switzerland, in the year 1708, by Scheuchzer; and at Upminster, in England, by Derham; and also the rain at Pisa, in Italy, in		

	Transf.	Abridg.
1707 and 1708, by Tilli; and at Zurich in 1708; and at Upminster in that time; with remarks on the same tables; as also on the winds, heats and colds, and divers other matters occurring in those three different parts of Europe - <i>Derham</i>	XXVI 342	
— Experiments for discovering the various elasticity of the air, in different parts of Switzerland - <i>Scheuchzerus</i>	XXIX 266	IV 2 16
— A meteorological, barometrical, thermometrical, epidemical diary kept at Utrecht, 1729, 1730, and 1731 - <i>Van Muschenbroek</i>	XXXVII 357, 406	VII 4 71, 86, 90
— On the correspondence of the barometer with the air and weather - <i>Holman</i>	XLVI 101	X 428
— An account of the barometer, and the state of the weather at Dublin, from Mar. 7, 1752, to Feb. 28, 1753 - <i>Simon</i>	XLVIII 320	
— Observations on the barometer, thermometer, and rain in 1767, at Plymouth - <i>Farr</i>	LVIII 136	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1772 - <i>Barker</i>	LXIII 221	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1773 - <i>Barker</i>	LXIV 202	
— Meteorological journal for 1774 at Bristol - <i>Anon.</i>	LXV 194	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1774 - <i>Barker</i>	— 199	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1775 - <i>Barker</i>	LXVI 370	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1776 - <i>Barker</i>	LXVII 350	
— An abstract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1777 - <i>Barker</i>	LXVIII 554	
— Abstract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1778 - <i>Barker</i>	LXIX 547	
— Register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1779 - <i>Barker</i>	LXX 474	
BAROMETER (Applied to the measurement of heights). Observations concerning the height of the barometer, at different elevations above the surface of the earth - <i>Netleton</i>	XXXIII 308	VI 2 44

	Transf.	Abridg.
— M. de Luc's rule for measuring heights by the barometer, reduced to the English measure of length, and adapted to Fahrenheit's thermometer, and other scales of heat, and reduced to a more convenient expression <i>Maskeelyne</i>	LXIV 158	
— M. de Luc's rules for measurement of heights by the barometer, compared with theory, and reduced to English measures of length, and adapted to Fahrenheit's scale of the thermometer; with tables and precepts for expediting the practical application of them <i>Horsley</i>	— 214	
— Observations on the depth of the mines in the Hartz - - - <i>De Luc</i>	LXVII 401	
— Observations made in Savoy, in order to ascertain the height of mountains by means of the barometer being an examination of Mr. De Luc's rules, delivered in his "Recherches sur les Modifications de l'Atmosphere" <i>Shuckburgh</i>	— 513	
— Experiments and observations made in Britain in order to obtain a rule for measuring heights with the barometer - <i>Roy</i>	— 653	
— Comparison between Sir George Shuckburgh and colonel Roy's rules, for the measurement of heights with the barometer <i>Shuckburgh</i>	LXVIII 681	
— A second paper concerning some barometrical measures in the mines of the Hartz <i>De Luc</i>	LXIX 485	
BARRENNESS. An abstract of a letter giving an instance of the bath curing the palsy and barrenness - - - <i>Peirce</i>	XV 944	II 399
BARROWS. An attempt to examine the barrows in Cornwall - - - <i>Williams</i>	XLI 465	IX 445
BASALT HILLS. A letter containing a short account of some Basalt Hills in Hesse <i>Raspe</i>	LXI 580	
— An account of two giants causeways, or groups of prismatic basaltine columns, and other curious volcanic concretions, in the Venetian state in Italy, with some remarks on the characters of these and other similar bodies, and of the physical geography of the countries in which they are found - <i>Strange</i>	LXV 5	
BATH. An accurate account of a tessellated pavement bath, and other Roman antiquities, lately discovered at East Bourne, in Suffex <i>Tabor</i>	XXX 549	V 2 63
— See <i>Antiquities, Inscriptions.</i>		
BATHS (Aponensian). An account of the Aponensian baths near Padua - - - <i>Dodington</i>	VII 4067	II 344

	Transf.	Abridg.
BATHS (Of Bath). Observations concerning the Bath springs - - - <i>Glanville</i>	IV 977	II 336
— An abstract of a letter giving an instance of the bath in curing the palsy and barrenness - - - <i>Peirce</i>	XV 944	— 339
— Some observations on the heat of the wa- ters at Bath - - - <i>Howard</i>	LVII 201	
Other observations on Bath waters <i>Canton</i>	— 203	
— (Of Carlsbad). Part of a letter concerning the baths at Carlsbad - - - <i>Mounsey</i>	XLVI 217	X 569
— (Of Germany, &c.). Directions and enqui- ries, with their answers, concerning the mines, minerals, baths, &c. of Hungary, Transylva- nia, Austria, and other countries neighbouring to those <i>Oldenburgh and Brown</i>	V 1189	III 631
- - - <i>Brown</i>	— 1044	II 339 III 605
— (Of Jamaica). Observations of a hot-bath in the island of Jamaica - - - <i>Leefton</i>	XIX 225	II 344
— (Of Vinadio). An account of the hot-baths of Vinadio, in the province of Coni, in Pied- mont - - - <i>Bruni</i>	LI 839	
BAY TREE. The figure and characters of that ele- gant American evergreen, called by the gar- deners Loblolly Bay, taken from blossoms blown near London - - - <i>Ellis</i>	LX 518	
BAYLES (JOHN). An account of the death and dis- section of John Bayles, of Northampton, re- puted to have been 130 years old <i>Keil</i>	XXV 2247	V 351
BEANS. An account of four sorts of strange beans frequently cast on shore on the Orkney Islands, with some conjectures about the way of their being brought thither from Jamaica, where three sorts of them grow - - - <i>Skane</i>	XIX 298	III 540
BEASTS. A dissertation on the bones and teeth of elephants, and other beasts found in America, and other northern regions, by which it appears they are the bones of indigenous beasts <i>Rafpe</i>	LIX 126	
BEATIFICATION. Letter declaring that Dr. Watson, as well as many others, have not been able to make odours pass through glass by means of electricity; and giving a particular account of professor Bon; his experiment of beatifica- tion, or causing a glory to appear round a man's head by electricity - - - <i>W. Watson</i>	XLVI 348	X 410
BEAUCASTLE. See <i>Inscription</i> .		

	Transf.	Abridg.
BEAVER. The anatomy of a female beaver, and an account of castor found in her <i>Mortimer</i>	XXXVIII 172	IX 78
BEECH TREE. Account of letters found in the middle of a beech tree - <i>Klein</i>	XLI 231	VIII 845
BEEs. Some communications about an early swarm of bees - <i>Reea</i>	VI 2128	
— Some considerations on an apiary, or discipline of bees - <i>Beal</i>	— 2144	
— An account of the hatching of a kind of bee lodged in old willows - <i>Willughby</i>	— 2221	II 174
— A description of a bee-house, useful for preventing the swarming of bees, used in Scotland - <i>Anon.</i>	VIII 6097	
— Account of bees breeding in cases made of leaves - <i>Lifter</i>	XIV 592	
— An account of a strange sort of bees in the West Indies - <i>M. I.</i>	XV 1030	— 775
— Extract of a letter concerning the proboscis of bees - <i>Garden</i>	— 1148	
— Letter concerning the late Swammerdam's treatise De Apibus - <i>Holton</i>	XXI 365	
— An account of a method lately found out in New England, for discovering where the bees hive in the woods, in order to get their honey - <i>Dudley</i>	XXXI 148	VII 403
— Of the bases of the cells wherein the bees deposit their honey - <i>MacLaurin</i>	XLII 565	IX 2
— Letter concerning bees, and their method of gathering wax and honey - <i>Dobbs</i>	XLVI 536	XI 841
— An account of a specimen of the labour of a kind of bees, which lay up their young in cases of leaves, which they bury in rotten wood - <i>Styles</i>	LI 844	
— Discoveries on the sex of bees, explaining the manner in which their species is propagated; with an account of the utility that may be derived from those discoveries by the actual application of them to practice <i>Debraw</i>	LXVII 15	
— A letter on Mr. Debraw's improvements in the culture of bees - <i>Psibill</i>	LXVIII 107	
BEE TLE. Curious experiments and observations on a beetle that lived three years without food - <i>Baker</i>	XLI 441	IX 8
— An account of a Copricorn beetle found alive in a cavity, within a found piece of wood - <i>Mortimer</i>	— 861	— 11

	Transf.	Abridg.
BELEMNITES. A dissertation on those fossil-figured stones called belemnites <i>Mendez da Costa</i>	XLIV 397	X 628
— A letter containing considerations on two extraordinary belemnites <i>David Erskin Baker</i>	XLV 598	— 639
— A dissertation on the belemnites <i>Brander</i>	XLVIII 803	
— An attempt to account for the origin and formation of the extraneous fossil commonly called the belemnite <i>Platt</i>	LIV 38	
BELL. The art of living under water; or, a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depth <i>Halley</i>	XXIX 492	IV 2 188
— A letter concerning an improvement of the diving-bell <i>Triewald</i>	XXXIX 377	VIII 634
BELLA DONNA. A brief botanical and medical history of the solanum lethale, bella-donna, or deadly nightshade <i>W. Watson</i>	L 62	
BELLOWS. An experiment of preserving animals alive by blowing through their lungs with bellows <i>Hook</i>	II 539	III 66
— Letter concerning an improvement of the Hef-fian bellows <i>Papin</i>	XXIV 1990	IV 447
— A calculation of the velocity of the air moved by a new-invented centrifugal bellows of 7 feet in diameter, and 1 foot thick within, which a man can keep in motion with very little labour, at the rate of two revolutions in one second <i>Desaguliers</i>	XXXIX 44	VIII 271
The uses of the foregoing machine <i>-</i>	— 47	— 23
— A description of a new invention of bellows called water-bellows <i>Triewald</i>	XL 231	— 272
BELLUGA STONE. Some observations on the Belluga stone <i>Collinson</i>	XLIV 451	XI 266
BELLY. Relation of a child that remained 26 years in the mother's belly <i>Bayle</i>	XII 979	III 127
— An account of a foetus lying without the uterus in the belly <i>Savard</i>	XIX 314	— 214
— The history of a tumor in the lower part of the belly <i>Giles</i>	— 420	
— A case concerning a child born with the bowels hanging out of its belly <i>Amyand</i>	XXXVII 258	VII 516
BELT. See <i>Jupiter</i> and <i>Saturn</i> .		
BENGAL. An account of the heat of the climate at Bengal <i>Martin</i>	LVII 217	
— Two letters of a voyage to Bengal, with observations made there <i>Rose</i>	LX 444	

	Transf.	Abridg.
BERMUDAS. Inquiries for Virginia and the Bermudas - <i>Royal Society</i>	II 420	III 631
— An account of the course of the tides at Bermudas; of wells, both salt and sweet, digged near the sea; and of the whale-fishing there practised anew, and of such whales as have the spermaceti in them - <i>Norwood</i>	— 565	II 268, 298, 844
— Letter concerning the tides at the Bermudas; as also whales, spermaceti, strange spider's webbs, and the longevity of the inhabitants - <i>Stafford</i>	III 792	— 268, 845 III 561
BERNOULLI. A solution of two mathematical problems proposed by John Bernoulli <i>Anon.</i>	XLIX 384	I 33, 463
— A solution of the problem proposed in the French Diary by J. Bernoulli - <i>Craig</i>	XXIV 1527	IV 35
— Apology against J. Bernoulli's objections <i>Taylor</i>	XXX 955	V 244
BERRIES. An account of a new die from the berries of a weed in South Carolina <i>Lindo</i>	LIII 238	
BEZOAR. A letter concerning the Pietra de Mombazza, or the rhinoceros Bezoar <i>Sloane</i>	XLVI 118	XI 910
BIANCHINI. The phenomena of Venus represented in an orrery made by Mr. James Ferguson, agreeable to the observations of Signior Bianchini -	XLIV 127	X 95
BILE. Anatomical observations of an abscess in the liver; a great number of stones in the gall-bag and bilious vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys, and a great dilatation of the Vena Cava <i>Tyson</i>	XII 1035	III 81
— Extract of a letter concerning an experiment made with the bile of persons dead of the plague - <i>Deidier</i>	XXXII 105	VII 600
— An essay upon the use of the bile in the animal œconomy, founded on an observation of a wound in the gall-bladder - <i>Stuart</i>	XXXVI 341	— 572
— Explanation of an essay on the use of the bile in the animal œconomy - <i>Stuart</i>	XXXVIII 5	IX 195
— Of an obstruction of the biliary ducts, and an impostumation of the gall-bladder, discharging upwards of 18 quarts of bilious matter in 25 days, without any apparent defect in the animal functions - <i>Amyand</i>	XL 317	VIII 503
— Observations on the case of Mr. Le Grange - <i>Stuart</i>	— 325	IX 146
BILLS OF MORTALITY. See <i>Annuity, Mortality, and Population.</i>		

	Transf.	Abridg.
BIQUADRATIC. Cubic and biquadratic equations constructed by one single parabola and a circle		
— <i>Halley</i>	XVI 335	
— Universal solution of quadratic and biquadratic equations, viz. analytical, geometrical, and mechanical		
— <i>Colson</i>	XXV 2353	IV 66
BIRCH. Ways of ordering birch-water	V 2070	II 684
<i>Tonge</i>		
BIRDS. A way of preserving birds taken out of the egg, and other small foetus's		
— <i>Boyle</i>	I 199	III 650
— Observations on several passages in the two last months Transactions relating to the history of birds		
— <i>Anon.</i>	X 533	
— Letter to Mr. Ray, concerning some particulars that might be added to the ornithology		
— <i>Lifter</i>	XV 1159	II 849, 853
— Anatomical observations made on the heads of fowl at several times		
— <i>Moulen</i>	XVII 711	— 860
— Observations on the birds of the Philippine islands		
— <i>Camelli</i>	XXIII 1394	V 183
— Part of a letter concerning the migration of birds		
— <i>Derham</i>	XXVI 123	— 33
— A letter containing several observations in the natural history of birds, made in travels through Wales		
— <i>Lhwyd</i>	XXVII 462	— 34
— <i>Lhwyd</i>	— 466	— —
— <i>Lhwyd</i>	— 467	V 2 118
— <i>Catesby</i>	XLIV 435	XI 886
— An account of birds of passage		
— Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means may be employed for preserving quadrupeds, reptiles, fishes, and insects		
— <i>Reaumur</i>	XLV 309	— 891
— An account of a bird supposed to have been bred between a turkey and a pheasant		
— <i>Edwards</i>	LI 833	
— An account of the different species of the birds called penguins		
— <i>Pennant</i>	LVIII 91	
— An account of the lymphatic system in birds		
— <i>Hewson</i>	— 217	
— Method of preparing birds for preservation		
— <i>Davies</i>	LX 184	
— Four letters on the preservation of dead birds		
— <i>Kuckahn</i>	— 302	
— A description of a bird from the East Indies		
— <i>Edwards</i>	LXI 55	
— A letter containing a technical description of an uncommon bird from Malacca		
— <i>Badenach</i>	LXII 1	

	Transf.	Abridg.
— An essay on the periodical appearing and disappearing of certain birds, at different times of the year - - - <i>Barrington</i>	— 265	
— An account of birds sent from Hudson's Bay; with observations relative to their natural history; and Latin descriptions of some of the most uncommon - - - <i>Forster</i>	— 382	
— Experiments and observations on the singing of birds - - - <i>Barrington</i>	LXIII 249	
— An account of certain receptacles of air in birds, which communicate with the lungs, and are lodged both among the fleshy parts and in the hollow bones of those animals <i>John Hunter</i> See particular birds in their places.	LXIV 205	
BIRTH. An account of an extraordinary birth in Staffordshire - - - <i>Birch</i>	XIII 281	III 221
- - - - - <i>Tyson</i>	— —	— —
— Some observations on the motion of diseases, and on the births and deaths of men and other animals, in different times of the <i>Nyxénijapoor</i>		
- - - - - <i>Paschall</i>	XVII 815	— 311
— An argument for Divine Providence; taken from the constant regularity observed in the births of both sexes - - - <i>Arbutnot</i>	XXVII 186	V 2 240
— An account of an extraordinary acephalous birth - - - <i>Cooper</i>	LXV 311	
— See <i>Child, Monster</i> .		
BITCH. An account of the dissection of a bitch, whose cornua uteri, being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - - - <i>Anon.</i>	XIII 183	II 904
— An account of the cutting out the cæcum of a bitch - - - <i>Musgrave</i>	— 324	III 112
BITE. Relation of a man, bitten with a mad dog, and dying of the disease, called hydrophobia - - - <i>Lifter</i>	— 162	II 276
— Letter concerning the cure of the bitings of mad creatures, with a remark on the same by Hans Sleane - - - <i>Dampier</i>	XX 49	III 284, 285
— Letter concerning the bitings of mad dogs, &c. - - - <i>De La Pryme</i>	XXIII 1073	IV 2 118
— Part of a letter concerning the viper-catchers, and their remedy for the bite of a viper <i>Burton</i>	XXXIX 312	IX 61
— A narration of the experiments made by the viper-catchers June 1734, before the Royal		

	Transf.	Abridg.
Society; and some remarks on the bite of a mad dog - <i>Mortimer</i>	XXXIX 313	IX 221
— The case of a lad bitten by a mad dog <i>Nouff</i>	XL 5	— 222
— The effects of Dampier's powder in curing the bite of a mad dog - <i>Fulley</i>	— 272	— 224
— Another case drawn up by <i>Hartley and Sandys</i>	— 274	— —
— Letter concerning the virtues of the star of the earth, coronopus, or buck's horn plantain, in the cure of the bite of a mad dog <i>Steward</i>	— 449	VIII 83
— Case of a person bit by a mad dog <i>Peters</i>	XLIII 257	— —
— A letter containing an account of what Mr. Breintal felt after being bit by a rattie-snake - - - <i>Breintal</i>	XLIV 147	XI 856
— An account of a horse bit by a mad dog <i>Starr</i>	XLVI 474	— 913
— An account of the successful application of salt to wounds made by the bite of rattle-snakes - - - <i>Gale</i>	LV 244	— —
— See <i>Dog</i> .		
BIVALVE INSECTS. Observations on some bivalve insects found in common water <i>Muller</i>	LXI 230	— —
BLACK. Experiments on dying black <i>Clegg</i>	LXIV 48	— —
BLACK AFFIZE. An account of the black affize at Oxford in 1577, from the register of Merton College - - - <i>Wara</i>	L 699	— —
- - - <i>Birch</i>	— 702	— —
BLACK DUST. An account of an extraordinary shower of black dust that fell in the island of Zetland Oct. 20, 1755 - <i>Mitchell</i>	— 297	— —
BLACK LEAD. Observations concerning the substance commonly called black lead - <i>Plo</i>	XX 183	II 462
BLACK VOMIT. An extract of so much of A. de Ulloa's account of his voyage to South America, as relates to the distemper called the Vomito Priero, or black vomit <i>William Watson</i>	XLVI 134	XI 1063
BLACKNESS. An account of an unusual blackness of the face - - - <i>Yonge</i>	XXVI 424	V 199
- - - <i>Yonge</i>	— 432	— —
BLADDER. Account of a great number of stones found in the bladder - <i>Goodrick</i>	II 482	II 382
— An account of an human body opened at Dantzick, and 38 stones found in the bladder thereof - - - <i>Kirkby</i>	VIII 6155	III 149
— Letter concerning a triple bladder <i>Buffiere</i>	XXII 752	V 289
— A relation of the cutting an ivory bodkin out of the bladder of a young woman in Dublin - - - <i>Proby</i>	— 455	III 162
		— An

	Transf.	Abridg.
— An account of a pin taken out of the bladder of a child - - <i>Gregory</i>	XL 367	IX 185
— Account of a shuttle-spike taken out of the bladder of a boy - - <i>Ardron</i>	XLIII 194	XI 1006
— A proposal to bring small passable stones with ease out of the bladder - - <i>Hales</i>	— 502	— 990
— The case of a tumour growing on the inside of the bladder, successfully extirpated <i>Warner</i>	XLVI 414	— 1006
— Observations on fungous excrescences of the bladder; a cutting forceps for extirpating these excrescences; a canula for treating these diseases - - <i>Le Cat</i>	XLVII 292	
— A description of the lymphatics of the urethra and neck of the bladder <i>Henry Watson</i>	LIX 392	
— An account of a suppression of urine cured by a puncture made in the bladder through the anus - - <i>Robert Hamilton</i>	LXVI 578	
— See <i>Stone</i> .		
BLADDERS (Natural History). A conjecture concerning the bladders of air that are found in fishes, by A. J. illustrated by an experiment suggested by the Hon. Robert Boyle	X 310	II 846
— Considerations on the swimming-bladders in fishes - - <i>Ray</i>	— 319	I 846
BLEMISH. An observation concerning a blemish in an horse's eye, not hitherto discovered by any author - - <i>Lower</i>	II 613	II 864
BLINDNESS. Philosophic solution of the cure of a young man who grew blind in the evening - - <i>Briggs</i>	XIV 804	III 39
— An account of some observations made by a young gentleman who was born blind, or lost his sight so early that he had no remembrance that he had ever seen, and was couched between 13 and 14 years of age <i>Cheselden</i>	XXXV 447	VII 491
BLISTER. A discourse of the operation of a blister when it cures a fever - - <i>Cockburne</i>	XXI 161	III 260
— Cases of the remarkable effects of blisters in lessening the quickness of the pulse in coughs attended with an infarction of the lungs and fever - - <i>Whytt</i>	L 569	
BLOOD. Anatomical observations of milk found in the veins instead of blood - - <i>Boyle</i>	I 100	— 239
— A farther account of an observation about white blood - - <i>Boyle</i>	— 117	— —
— A further account concerning the existence of veins in all kind of plants; together with a		discovery

	Transf.	Abridg.
discovery of the membranous substance of those veins, and of some acis in plants resembling those of sense; and also of the agreement of the venal juice in vegetables with the blood of animals - <i>Lister</i>	VII 5131	II 693
— Notice of an admirable liquor, instantly stopping the blood of arteries pricked or cut, without any suppuration, or without leaving any scar or cicatrice - <i>Denys</i>	VIII 6039	III 252
Experiments made with the liquor at London - <i>Needham and Wiseman</i>	— 6052	— 253
At Paris - <i>Denis</i>	— 6054	— 291
An addition to the experiments - <i>Anon.</i>	— 6074	— 254
Experiments in St. Thomas's Hospital - <i>Anon.</i>	— 6078	—
Further success in the Fleet - <i>Anon.</i>	— 6115	— 255
— Microscopical observations concerning blood, &c. - <i>Leeuwenhoek</i>	IX 121	— 683
— A relation concerning a strange kind of bleeding in a little child - <i>Gard</i>	— 193	— 251
— Microscopical observations concerning the texture of the blood - <i>Leeuwenhoek</i>	X 380	— 683
— An account of a periodical evacuation of blood at the end of one of the fingers - <i>Dublin Society</i>	XV 989	— 252
— Letter concerning the circulation of the blood as seen by the help of a microscope, in the <i>laccerta aquatica</i> - <i>Molyneux</i>	— 1236	II 133 III 225
— A conjecture of the quantity of blood in men, together with an estimate of the celerity of its circulation - <i>Moulin</i>	XVI 433	—
— An account of an experiment of the injection of mercury into the blood, and its ill effect on the lungs - <i>Moulin</i>	XVII 486	— 233
— An experiment of a surprizing change of colour, from a pale transparent, or clear liquor, to a very blue ceruleus one, and that in an instant, by the admission of air only, applied to illustrate some changes of colour, and other effects on the blood of respiring animals - <i>Sars</i>	— 898	—
— Letter on the human blood - <i>Vieussens</i>	XX 224	— 220
— Letter concerning the circulation and stagnation of the blood in tadpoles -	XXII 447	— 685
— Answer of the College of Physicians at Rome to the letter of M. Vieussens, on the existence of acid salt in the blood, and its proportion	— 599	— 247
		— An

	Transf.	Abridg.
— Microscopic observations on the human blood		
— Experiments on the blood, with some remarks on its morbid appearances	LV 252	
— On the degree of heat which coagulates the lymph and the serum of the blood, with an enquiry into the causes of the inflammatory crust or size, as it is called	LX 368	
— Further remarks on the properties of the coagulable lymph, on the stopping of hæmorrhages, and on the effects of cold upon the blood	— 384	
— On the figure and composition of the red particles of the blood, commonly called the Red Globules	— 398	
— Observations on respiration, and the uses of the blood	LXIII 303	
BLOOD (The transfusion of). Account of the rise and attempts of a way to convey liquors immediately into the mass of blood	LXVI 226	
— The success of the experiment of transfusing the blood of one animal into another	I 128	III 364
— The method observed in transfusing the blood out of one animal into another	-- 352	— 226
— Trials proposed to be made for the improvement of the experiment of transfusing blood out of one live animal into another	— 353	— —
— An account of an easier and safer way of transfusing blood, viz. by the veins only	— 385	
— An experiment of bleeding a mangy into a sound dog	11 441	
— Letter touching the transfusion of blood	— 451	— 229
— An account of some effects of the transfusion of blood at Paris	— 453	— —
— An advertisement concerning the invention of the transfusion of blood	— 479	— 229
— Some experiments of injecting liquors into the veins of animals	— 489	
— An experiment upon blood grown cold	— 490	— 232
— An account of more trials of transfusion, accompanied with some considerations thereon, chiefly in reference to its circumspect practice on man; together with a further vindication of this invention from usurpers	— 493	— 456
— A confirmation of the experiments made by Sign. Fracassati in Italy, by injecting acid liquors into the blood	— 517	— 230
	— 551	— 332

	Transf.	Abridg.
— An account of an experiment of transfusion, practised upon a man in London <i>Lower and King</i>	II 557	III 231
— A relation of some trials of the same operation lately made in France <i>Denis</i>	— 559	— 230
— An account of the cure of an inveterate phrenzy, by the transfusion of blood at Paris <i>Denis</i>	— 617	— 291
— Some anatomical inquiries and observations; particularly on the origin of the injection into veins, the transfusion of blood, and the parts of generation <i>Clark</i>	III 672	— 290
— An extract of a printed letter touching differences risen about the transfusion of blood <i>Denis</i>	— 710	— 292
— An account out of the Giornale de Letterati, about two considerable experiments of the transfusion of blood <i>Anon.</i>	— 840	— 230
— Of the antiquity of the transfusion of blood from one animal to another <i>Oldenburg</i>	— 731	— 291
— A letter from Paris concerning some transactions there, relating to the experiment of the transfusion of blood <i>Anon.</i>	IV 1075	— —
— Experiment concerning the expansion of blood, and other animal juices <i>Boyle</i>	V 2043	
Blossoms. The effects which the farina of the blossoms of different sorts of apple-trees had on the fruit of a neighbouring tree <i>Cook</i>	XLIII 525	X 751
Blow. An account of a blow upon the heart, and its effects <i>Akenfide</i>	LIII 353	
Blue. An experiment of a surprizing change of colour, from a pale transparent or clear liquor, to a very blue or ceruleous one, and that in an instant, by admission of air only: applied to illustrate some changes of colour, and other effects on the blood of respiring animals <i>Slare</i>	XVII 898	
— Letter concerning powdered-blue passing the lacteal veins <i>Lifter</i>	XXII 819	V 259
— An experiment made for the transmitting a blue-coloured liquor into the lacteals <i>Musgrave</i>	— 996	— —
— Account of the preparation of the Prussian blue <i>Anon.</i>	XXXIII 15	VII 748
— Observations and experiments on the foregoing preparation <i>Brown</i>	— 17	— —
— A letter concerning the blue well near Newcastle upon Tyne <i>Durant</i>	XLIV 221	X 588
— Experiments and observations on a blue sub-		

flance;

	Trans.	Abridg.
stance; found in the Peat Moss in Scotland		
<i>Douglas</i>	LVIII 181	
BODIES (HUMAN). Observables in the body of the		
earl of Balcarras <i>Anon.</i>	I 86	III 158
— Some observables of odd constitutions of		
bodies <i>Oldenburg</i>	— 138	— 10
— Some considerations touching the parenchy-		
mous parts of the body <i>King</i>	— 318	— 17
— Observations on a human body, dead of odd		
diseases <i>Fairfax</i>	II 546	— 76
— A narrative of two petrifications in human bo-		
dies <i>Kirkby</i>	VI 2158	— 150, 158
— A new way of orthographically delineating by		
parallel visual rays the postures and actions of		
an human body, exactly observing the symme-		
try and proportion of the parts <i>Saint-Clare</i>	VIII 6079	I 599
— Anatomical observations in the body of a wo-		
man about 50 years of age, who died hydro-		
pical in her left testicle <i>Sampson</i>	XII 1000	III 206, 218
— An anatomical observation of four uterers in an		
infant <i>Tyson</i>	— 1039	— 146
— Account of a kidney of an unusual shape and		
texture taken out of the body of a man; with		
observations on horns and glandules in general		
<i>Malpighi</i>	XIV 601	— 682
— An account of a girl in Ireland, who had fever-		
al horns growing on her body <i>Ash</i>	XV 1202	— 12
— Letter concerning worms found in the tongue,		
and other parts of the body <i>Dent</i>	XVIII 219	— 137
— Letter concerning the same operation <i>Lewis</i>	— 222	— —
— An account of the opening of the body of a		
boy who died suddenly, and what observables		
were found therein <i>Preston</i>	XIX 362	— 62
— A relation of a strange symptom attending a hy-		
drops pectoris, and the reason of it, as it ap-		
peared on the dissection of the body <i>Doudy</i>	— 390	— 77
— Extract of a letter giving an account of Mr.		
Malpighi; the circumstances of his death, and		
what was found remarkable at the opening of		
his body <i>Lancisi</i>	— 467	— 31
— An account of a negro-boy that is dappled in fe-		
veral parts of his body with white spots <i>Byrd</i>	— 781	II 8
— Some uncommon observations on the dissection		
of morbid bodies <i>Vaughan</i>	XXIII 1244	V 272, 291
— Observations concerning the worms of human		
bodies <i>Benomo</i>	— 1296	— 199

	Transf.	Abrigd.
— A letter giving an account of some anatomical observations made on a body dissected at Padua by John Ray — <i>Dale</i>	XXV 2282	V 184
— Account of several solid bodies voided by urine — <i>Yong</i>	XXVI 420	— 286
— An account of what appeared on the dissection of the body of Mr. Dove — <i>Cowper</i>	XXVII 512	— 325
— Account of a foetus that continued 46 years in the mother's body — <i>Steigertball</i>	XXXI 128	
— Account of an extra-uterine foetus, taken out of a woman after death, that had continued five years and a half in the belly — <i>Howston</i>	XXXII 387	VII 555
— Part of a letter concerning the difference of the height of a human body, between morning and night — <i>Wasse</i>	XXXIII 87	
Some remarks on the above — <i>Beckett</i>	— 89	VI 680
— An account of an human body found in a copper mine — <i>Legel</i>	— 136	— 2 204
— An account of what appeared most remarkable in opening the body of Anne Edwards, who died Jan. 1729-30, having a large umbilical rupture — <i>Ranby</i>	XXXVII 221	VII 516
— An account of the dead bodies of a man and woman, who were preserved 49 years in the Moors of Derbyshire — <i>Balguy</i>	XXXVIII 413	VIII 706
— An account of what was observed upon opening the corpse of a person who had taken several ounces of crude mercury internally; and of a plumb-stone lodged in the coats of the rectum — <i>Madden</i>	XXXIX 291	IX 152
— Two observations of a diseased conformation in bodies — <i>Haller</i>	XLIV 527	XI 1062
— A letter concerning the body of a woman found in a morass in the isle of Axholm, in Lincolnshire — <i>Stovin</i>	— 571	— 1326
— Extract of several letters concerning a body found in a vault in the church of Staverton, in Devonshire, entire, after having been buried upwards of 80 years — <i>Huxham and Tripe</i>	XLVII 253	
— An account of a very remarkable case of a boy, who, notwithstanding that a considerable part of his intestines were forced out by the fall of a cart upon him, and afterwards cut off, recovered, and continues well — <i>Needham</i>	XLIX 238	
— Anatomico-medical observations of a monstrous double-bodied child born Oct. 26, 1701, in		

	Transf.	Abridg.
Pannonia, who died Feb. 23, 1723 (Lat.)		
- - - - - <i>Torkos</i>	L 311	
Another account - - - - - <i>Burnet</i>	- 315	
Another account - - - - - <i>Du Plessis</i>	- 317	
Another account (Lat.) - - - - - <i>Dieschius</i>	- 318	
— Observations concerning the body of his late majesty, Oct. 26, 1760 - - - - - <i>Nicholls</i>	- 265	
— Case of a boy who died of a gun-shot wound - - - - - <i>Woolcomb</i>	LX 94	
— Some account of a body lately found in uncommon preservation, under the ruins of the abbey, at St. Edmund's Bury, Suffolk; with some reflections upon the subject - - - - - <i>Collinson</i>	LXII 465	
— A short account of Dr. Maty's illness, and of the appearances in the dead body - - - - - <i>Hunter and Henry Watson</i>	LXVII 608	
— See <i>Death</i> .		
BODIES (Animal). <i>Lumbricus Hydronicus</i> ; or an essay to prove that hydatides, often met with in morbid animal bodies, are a species of worms, or imperfect animals - - - - - <i>Tyson</i>	XVII 506	III 133
— An account of worms found in animal bodies - - - - - <i>Nicholls</i>	XLIX 246	
BODIES (Natural philosophy in general). Mr. Hock's treatise, entitled, an account of micrographia, or the physiological description of minute bodies made in magnifying glasses - - - - - <i>Oldenburg</i>	I 27	
— Several experiments on the attrition of bodies in vacuo - - - - - <i>Hauksbee</i>	XXIV 2165	IV 2 180
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and therefore that there is an interspersed vacuum - - - - - <i>Desaguliers</i>	XXXI 8:	VI - 157
— A course of experiments to ascertain the specific buoyancy of cork in different waters: the respective weight and buoyancy of salt water and fresh water: and for determining the exact weight of human and other bodies in fluids - - - - - <i>Wilkinson</i>	LV 95	
— Experiments on ignited bodies - - - - - <i>Roebuck</i>	LXVI 509	
— Experiments on ignited substances - - - - - <i>Whitehurst</i>	- 575	
BODIES (Electrical). An account of some experiments touching the electricity and light producible on the attrition of several bodies - - - - - <i>Hauksbee</i>	XXVI 87	
— Experiments and observations upon the light		

	Transl.	Abbrig.
that is produced by communicating electrical attraction to animal or inanimate bodies; together with some of its most surprising effects.		
— A letter concerning the revolutions which small pendulous bodies will, by electricity, make round larger ones from east to west, as the planets do round the sun	Gray XXXIX 16	VIII 397
— Some electrical experiments chiefly regarding the repulsive force of electrical bodies	Gray — 220	
— Observations of luminous emanations from human bodies and from brutes; with some remarks on electricity	Wheeler XLI 98	— 406
BODIES (Natural history). Account of sundry experiments made upon a chrystal-like body sent from Ireland	Miles XLIII 441	X 278
— An account of some uncommon fossil bodies	Bartolin V 2039	
— An account of some fossil fruits, and other bodies found in the island of Shepey	Baker XLVIII 117	
— Case of an extraordinary body forced into the lungs	Parsons L 395	
BODIES (In motion). A discourse concerning gravity, and its properties, wherein the descent of heavy bodies, and the motion of projects is briefly, but fully handled; together with the solution of a problem of great use in gunnery	Martin LV 39	
— Experiment concerning the time required in the descent of different bodies, of different magnitudes and weights, in common air from a certain height	Halley XVI 3	I 472, 475
— A letter concerning an experiment, whereby it has been attempted to shew the falsity of the common opinion, in relation to the force of bodies in motion	Hauksbee XXVII 196	IV 2 182
— An account of some experiments made to prove that the force of moving bodies is proportionable to their velocities	Pemberton XXXII 57	VI 276
— Animadversions upon some new experiments relating to the force of moving bodies; with two new experiments on the same subject	Desaguliers — 269	— 281
— A remark upon the new opinion relating to the force of moving bodies, in the case of the collision of non-elastic bodies	Desaguliers — 285	— 285
— Remarks upon a supposed demonstration, that the moving forces of the same body are not as	Eames XXXIV 183	— 287

	Transf.	Abridg.
the velocities, but as the squares of the velocities		
— Remarks upon some experiments in hydraulics, which seem to prove, that the forces of equal moving bodies are as the squares of their velocities	<i>Eames</i> XXXIV 188	VI 289
— A letter occasioned by the present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion	<i>Eames</i> XXXV 343	— 292
— An account of an experiment explaining a mechanical paradox, viz. that two bodies of equal weights, suspended on a certain sort of balances, do not lose their equilibrium, by being removed one farther from, the other nearer to the center	<i>Samuel Clarke</i> — 381	— 291
— An account of an experiment contrived by G. J. s'Gravesande, relating to the force of moving bodies; shewn to the Royal Society by	<i>Desaguliers</i> XXXVII 125	— 310
— An inquiry into the measure of the force of bodies in motion: with a proposal of an experimentum crucis, to decide the controversy about it	<i>Desaguliers</i> XXXVIII 143	VIII 235
— A letter containing a demonstration of a law of motion in the case of a body deflected by two forces tending constantly to two fixed points	<i>Jurin</i> XLIII 423	X 174
— An experimental examination of the quantity and proportion of mechanic power, necessary to be employed in giving different degrees of velocity to heavy bodies from a state of rest	<i>Robertson</i> LIX 74	
— A new theory of the rotatory motion of bodies affected by forces disturbing such motion	<i>Smeaton</i> LXVI 450	
BODIES (Gravity of). Of the weight of a cubic foot of divers grains, &c.	<i>Landen</i> LXVII 266	
— A further list of specific gravities of bodies	<i>Anon.</i> XV 926	I 522
— A discourse on this problem; why bodies dissolved in menstrua specifically lighter than themselves swim therein	<i>Anon.</i> — 927	— 523
With some reflections	<i>W. Molyneux</i> XVI 88	— 535
— Observations on the comparative, intensive, or specific gravities of various bodies	<i>T. Molyneux</i> — 93	— 537
— An experiment touching the weighing of bodies	<i>I. C.</i> XVII 694	— 524

	Trauf,	Abridg.
diets of the same species, but of very unequal surfaces in common water, being of an equal weight in common air <i>Hantbee</i>	XXVI 306	IV 2 181
Boes. Of the bogs and loughs of Ireland <i>King</i>	XV 948	II 732
— An account of a moving bog in Ireland <i>Anon.</i>	XIX 714	— 737
— A true description of the bog of Kapanihane in the county of Limerick; with an account of the motion thereof, June 7, 1697 <i>Molyneux</i>	— —	— —
BOILING FOUNTAINS. Some observations on boiling fountains and subterraneous steams <i>Robinson</i>	XV 922	— 349
— An account of boiling and other fountains <i>Robinson</i>	— 1036	320, 349
BOILING WATER. Experiments about the degree of heat of some boiling liquors <i>Fahrenheit</i>	XXXIII 1	VI 2 49
— A proposal for warming rooms by the steam of boiling water conveyed in pipes along the walls <i>Cook</i>	XLIII 370	XI 1391
— A dissertation on the nature of evaporation, and several phenomena of air, water, and boiling liquors <i>Hamilton</i>	LV 146	
— The supposed effect of boiling upon water, in disposing it to freeze more readily, ascertained by experiment <i>Black</i>	LXV 124	
— On the variation of the temperature of boiling water <i>Shuckburgh</i>	LXIX 362	
BOLOGNA BOTTLES. An account of the Bologna bottles <i>Bruni</i>	XLIII 272	XI 1343
BOLOGNIAN STONE. A relation of the loss of the way to prepare the Bolognian stone for shining <i>Anon.</i>	I 375	III 346
— An account of a factitious stony matter or paste, shining in the dark like a glowing coal, after it hath been a little while exposed to the day or candle-light <i>Baldwin</i>	XI 788	
— An improvement of the Bolognian stone <i>Malpighi</i>	XII 842	XI 1059
— An easy method of making a phosphorous, that will imbibe and emit light like the Bolognian stone; with experiments and observations <i>Canton</i>	LVIII 337	
— See <i>Phosphorus</i> .		
BOLOGNINI. A short history of the disease of which Joseph Bolognini died <i>De Camillis</i>	XLIII 40	— —
BONES. Microscopical observations concerning bones <i>Leeuwenhoek</i>	IX 121	III 683
—		— Mi-

	Transf.	Abridg.
— Microscopical observations of the structure of teeth and other bones - <i>Leeuwenhoek</i>	XII 1002	III 684
— Part of two letters concerning a prodigious Os Frontis in the Medicine School at Leyden - - - <i>Molyneux</i>	XV 880	— 2
— An extract of a letter containing several observations on the texture of the bones of animals compared with that of wood - <i>Leeuwenhoek</i>	XVII 838	II 685
— Osteographia Elephantina; or a full and exact description of all the bones of an elephant, with their several dimensions: to which are premised, an historical account of the natural endowments and several wonderful performances of elephants, with the manner of taking and taming them. An anatomical account of their parts, &c. - - - <i>Blair</i>	XXVII 53	V 82
- - - - - <i>Blair</i>	— 117	
— Observations upon the bones and the periosteum - - - <i>Leeuwenhoek</i>	XXXI 91	VII 672
— An account of a præter-natural bony substance found in the cavity of the thorax - <i>Rutty</i>	XXXIV 152	— 595
— An account of a large bony substance found in the womb, 1733 - <i>Hody</i>	XXXIX 189	IX 191
— An account of the bones of animals being changed to a red colour by aliment only <i>Belchier</i>	— 287	— 102
— A further account of the bones of animals being made red by aliment only - <i>Belchier</i>	— 299	— 105
— A picture of the size of a gigantic bone; with a problem for determining the size of the giant according to the rules of the art of drawing - - - <i>Klein</i>	XLI 308	XI 311
— Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour - - - <i>Du-Monceau</i>	— 390	IX 103
— An account of tumours which rendered the bones soft - - - <i>Patt</i>	— 616	XI 247
— An account of a large piece of the thigh-bone, which was taken out and its place supplied by a callus - - - <i>Richardson</i>	— 761	
— An account of an extraordinary case of the bones of a woman growing soft and flexible - - - <i>Bevan</i>	XLII 488	[X 251
— The case of a young child at Houghton, in Huntingdonshire, born with all its bones displaced - - - <i>Davis</i>	XLIV 539	XI 1110

	Transf.	Abridg.
— Case of Anne-Elizabeth Queriot of Paris, whose bones were distorted and softened <i>Hafsy</i>	XLVIII 26	
— A remarkable case of fragility, flexibility, and dissolution of the bones - <i>Pringle</i>	— 297	
— Case of William Carey, aged 19, whose tendons and muscles were turned into bones <i>Henry</i>	LI 89	
Further account - <i>Henry</i>	— 92	
— An account of a bone found in the pelvis of a man at Brussels - <i>Brady</i>	— 660	
— A further account of the case of William Carey, whose muscles began to be ossified <i>Henry</i>	LII 143	
— A account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking place; and which may also be of service in fractures happening near the head of that bone <i>Le Cat</i>	LVI 370	
BONES (Fossil). Chartham news: or a brief relation of some strange bones lately digged up in some grounds of Mr. John Somner's in Canterbury - <i>Wallis</i>	XXII 882	IV 2 222
Second letter relating to Mr. Somner's treatise of Chartham News - <i>Wallis</i>	— 1022	
— Account of some large bones lately found in a gravel-pit near Colchester <i>Luffman</i>	— 924	IV 2 1
— The dimensions of some human bones of an extraordinary size, which were dug up near St. Alban's, in Hertfordshire <i>Chesterden</i>	XXVII 436	V 2 267
— An account of elephants teeth and bones found under ground - - <i>Sloane</i>	XXXV 457	VI 2 205
Part second - - <i>Sloane</i>	— 497	— 211
— An account of several bones of an elephant found at Leydown, in the isle of Shepey - <i>Jacob</i>	XLVIII 626	
— Observations on the bones, commonly supposed to be elephants bones, which have been found near the river Ohio in America <i>William Hunter</i>	LVIII 34	
— Account of some bones found in the rock of Gibraltar; with remarks by Dr. Hunter - <i>Boddington</i>	LX 414	
BONES (Incrusted). An account of some human bones incrusted with stone, now in the Villa Ludovicia at Rome - <i>Foakes</i>	XLIII 557	X 598
BONES (Of foetus's). Account of the bones of a foetus		voided

	Transf.	Abridg.
voided by anum some years after conception - - - - - <i>Mosley</i>	XIX 486	
— Account of a woman who voided the bones of a fœtus above the os-pubis, and by other extra- ordinary ways <i>Philosophic Society at Oxford</i>	XX 292	III 219
— Bones of a human fœtus voided through an im- pothume in the groin - - - <i>Skippon</i>	XXIV 2077	V 306
— Bones of a dead fœtus taken out of the uterus of a cow - - - - - <i>Sherman</i>	XXVI 450	— 54
— Case of the bones of a fœtus coming away by the anus - - - - - <i>Winthrop</i>	XLIII 304	XI 1015
- - - - - <i>Simon</i>	— 524	
— Letter concerning the bones of a fœtus being discharged through an ulcer near the navel - - - - - <i>Drake</i>	XLV 121	IX 1019
— Case of a woman from whom the bones of a fœtus were extracted - - - <i>Debenham</i>	XLVII 92	
BOOKS. Copy of a letter concerning the books and antient writings dug out of the ruins of an edi- fice near the site of the old city of Herculan- um to Monsignor Cerati of Pila; with a trans- lation by - - - <i>Locke</i>	XLIX 112	
BORAMETZ. A short account of the Scythian vege- table Lamb, called borametz <i>Breynius</i>	XXXIII 353	VI 2 317
BOSE. See <i>Electricity</i> .		
BOTANY. Account of the physick garden at Amster- dam - - - - - <i>Ellis</i>	XXIII 1416	V 2 II, 134
— A letter attempting to ascertain the tree that yields the common varnish used in China and Japan; to promote its propagation in our American colonies, and to set right some mis- takes which botanists appear to have enter- tained concerning it - - - <i>Ellis</i>	XLIX 866	
— A brief botanical and medical history of the solanum lethale, bella-donna, or deadly night- shade - - - - - <i>W. Watson</i>	L 62	
— A letter upon the early cultivation of botany in England; and some particulars about John Tradescant, a great promoter of that science, as well as natural history, in the last century, and gardener to king Charles I. <i>Ducard</i>	LXIII 79	
BOTTLE. An extract of a letter given an account of an experiment made in the Bay of Biscay of sinking a bottle, close corked, under various depths of water - - - <i>Oliver</i>	XVII 908	I 521
BOVEY COAL. Remarks on the Bovey coal <i>Mille</i>	LI 534	

— A farther account of some experiments made on the Bov-y coal	Tranf.	Alridg.
BOVILLUS. See <i>Cicbid.</i>	LI 941	
BOULIMIA. Letter concerning a boulimia <i>Burrough</i>	XXII 598	III 111
— An account of the surprizing quantities of food devoured by a boy 12 years old in fix successive days	XLIII 366	XI 1066
Another account	— 380	— 1086
BOW (MARINER'S). An account of Mr. Thomas Godfrey's improvement of Davis's quadrant transferred to the mariner's bow	<i>Mortimer</i> <i>Cos^{ts}fon</i> XXXVIII 441	VIII 366
BOWELS. An observation made of a man anatomised, whose bowels were found inverted	<i>Sampson</i> IX 146	III 111
— A case concerning a child born with the bowels hanging out of its belly	<i>Amyand</i> XXXVII 258	VII 516
— See <i>Monstrous Birth.</i>		
Box. Account of the number of pores on the leaves of box	<i>Leeuwenhoek</i> XXXI 231	VI 2 327
Boy. An account of a negro-boy that is dappelled in several parts of his body with white spots	<i>Byrd</i> XIX 781	II 8
— An account of the Friesland boy with letters in his eye	<i>Ellis</i> XXIII 1416	
— Account of a monstrous boy	<i>Cantwell</i> XLI 137	IX 314
— Some account of the gigantic boy at Willingham, near Cambridge	<i>Anon.</i> XLIII 249	XI 1205
— Another account	<i>Almond and Dawkes</i> — 251	
— Observations on the history of the Norfolk boy	L 836	
BRADLEY. An account of the case of the late Rev. Mr. James Bradley	<i>Lysons</i> LII 635	
BRAHE. Letter concerning the remains of the observatory of the famous Tycho Brahe	<i>Gourdon</i> XXII 691	I 216
BRAIN. Some discoveries concerning the brain	<i>Malpighi</i> II 491	III 23
— Microscopical observations concerning blood, milk, bones, the brain, spittle, and cuticula, &c.	<i>Leeuwenhoek</i> IX 121	— 683
— Observations of the cortical and medular part of the brain	<i>Leeuwenhoek</i> XII 899	— 684
— An abstract of a letter concerning the parts of the brain of several animals	<i>Leeuwenhoek</i> XV 883	— —
— A relation of a petrified glandula pinealis, lately found in the dissection of a brain	<i>King</i> XVI 228	— 157
— An account of a child born alive without a brain, and the observables in it on dissection	<i>Preston</i> XIX 457	— 24
—		— An

	Transf.	Abridg.
— An observation of an infant, where the brain was depressed into the hollow of the vertebrae of the neck - - - <i>Tyson</i>	XIX 533	III 26
— An observation of one hemisphere of the brain sphacelated, and of a stone found in the substance of the brain itself - - - <i>Tyson</i>	— 535	— 27
— An anatomical account of a child's head, born without a brain, 1698 - - - <i>Buffiere</i>	XXI 141	— 26
— Observations of remarkable appearances in the brain of three persons who died of epilepsies - - - <i>Rhatus</i>	XXXV 315	VII 486
— History of a fœtus born with a very imperfect brain; to which is subjoined a supplement of the essay on the use of ganglions - <i>Johnston</i>	LVII 118	
— See <i>Dura Mater</i> .		
BRAMHAM MOOR. See <i>Antiquities</i> .		
BRAMINES. An account of the religion, rites, notions, customs, manners of the heathen priests, commonly called bramines - - - <i>Marshall</i>	XXII 729	V 2 165
— An account of the Bramins observatory at Benares - - - <i>Barker</i>	LXVII 598	
BRANDY. Dissertation on a false but common method of trying French spirit of wine - - - <i>Neuman</i>	XXXIII 398	VII 739
BRASIL. Inquiries for Guaiana and Brasil - - - <i>Royal Society</i>	II 422	III 632
BRASS. The method, manner, and order of the transmutation of copper into brass - - - <i>Povey</i>	XVII 735	II 565
— Letters concerning several copper-mines, in answer to some queries of Dr. Lister - - - <i>Davies</i>	— 737	— 563
— A further account - - - <i>Davies</i>	— 741	— —
— The method, manner, and order of the transmuting of copper into brass - - - <i>Povey</i>	XXII 474	— 565
— An historico-physical observation on the brass waters of Neosolis, commonly called Cement-Watzer, changing iron to brass - - - <i>Belius</i>	XL 351	VIII 645
— Extract of a letter on giving magnetism and polarity to brass - - - <i>Arderon</i>	L 774	
— See <i>Antiquities</i> .		
BRASS WIRE. Case of a young man who had lost the use of his hands by cleansing brass-wire - - - <i>More</i>	LI 936	
BREAD. An abstract of a letter concerning the making of turnep-bread in Essex - - - <i>Dale</i>	XVII 971	II 667
BREAD FRUIT. Account of the bread-fruit trees, and the fruits of them - - - <i>Thunberg</i>	LXIX 462	
BREASTS (Animal). An account of two young turkeys joined together by their breasts - - - <i>Floyer</i>	XXI 434	— 898

	Transf.	Abridg.
BREASTS (Human). An account of a very sudden and excessive swelling of a woman's breasts - - - <i>Durston</i>	IV 1047	III 78
— A letter concerning the death of the big-breasted woman, together with what was observed on her body - <i>Durston</i>	— 1068	— 79
— Letter giving an account why the big-breasted woman was not opened after her death <i>Durston</i>	— 1077	— 80
— Case of one who swallowed a knife, which lay in his stomach a year and 7 months, and then washed out at an aposthem on his breast <i>Sloane</i>	XIX 180	— 91
— Account of a child born with a large wound in the breast, supposed to arise from the force of imagination - <i>Cyprianus</i>	— 291	— 222
— The case of Mary Howell, who had a needle run into her arm, which came out at her breast - - - <i>Anon.</i>	XLI 767	IX 238
BREATHING. Letter concerning the cause of the necessity of breathing - <i>Musgrave</i>	XX 173	III 67
BREEDING. Part of a letter concerning a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband the next time of being with child - <i>Cooke</i>	XLVI 205	XI 1063
BRESLAW. An estimate of the degrees of the mortality of mankind, drawn from curious tables of the births and funerals at the city of Breslaw, with an attempt to ascertain the price of annuities upon lives - <i>Halley</i>	XVII 596	III 669
BREWING. See <i>Sap.</i>		
BRIDEKIRK. See <i>Inscription.</i>		
BRIDEWELL AT NORWICH. Extract of a letter concerning the antient bridewell at Norwich - - - <i>Baker</i>	XLIII 520	— 1304
BRIDGE. Letter concerning the bridge of St. Eiprit in France - <i>Rebington</i>	XIV 584	I 293
— A further account, with a parallel history of some other bridges at Rome <i>Rebington</i>	— 712	— 593
— Description of a bridge that may be built 70 feet long, without any pillar under it <i>Anon.</i>	— 714	— 594
— Problems concerning the fall of water under bridges; applied to the falls under London and Westminster bridges - <i>Robertson</i>	I 492	
BRIDGNORTH. An extract of a topographical account of Bridgnorth, in the county of Salop - - - <i>Staebius</i>	XLII 127	VIII 347

	Transf.	Abridg.
BRIGHT. Letter concerning Mr. Bright, the extraordinary fat man at Malden, in Essex <i>Anon.</i>	XLVII 188	
BRIMSTONE. Of the mineral of Liege, yielding both brimstone and vitriol, and the way of extracting them out of it, used at Liege <i>Anon.</i>	I 45	II 530
— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with, a metal; and then making out, that allum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and allum, do agree in the saline principles; and, lastly, declaring the nature of the salt in brimstone, and whence it is derived <i>Anon.</i>	IX 66	— 544
— Extract of two letters concerning the effects of a cane of black sealing-wax and a cane of brimstone in electrical experiment <i>Miles</i>	XLIV 27	X 317
— Observations made on the brimstone-hill in the island of Guadeloupe <i>Peyssonet</i>	XLIX 564	
BRISTLE. An account of a bristle that was lodged in a gentleman's foot, and caused a violent inflammation <i>Arderon</i>	XLIV 192	XI 1114
BRISTOL WATER. Observations on the heat of Bristol waters <i>Canton</i>	LVII 203	
BRITAIN. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain <i>Halley</i>	XVII 495	III 412
— A dissertation on Britain being formerly a peninsula <i>Musgrave</i>	XXX 589	IV 469
BRONCHOTOME. The postscript of a letter giving an account of the operation of bronchotome <i>Græme</i>	XXXVI 448	VII 496
BRONTIÆ. An account of certain transparent pebbles, mostly of the shape of the ombriæ, or brontiæ <i>Lifter</i>	XVII 778	II 467
BRONZE. An attempt to explain an antient Greek inscription, engraven upon a curious bronze cup with two handles, and published with a draught of the cup by Dr. Pocock in his description of the East, vol. II. part II. pag. 207 <i>Ward</i>	XLVI 488	XI 1278
BROUGHTON. Letter concerning Broughton in Lincolnshire, with observations on the shell-fish observed in the quarries about that place <i>De La Pryme</i>	XXII 677	II 428 III 429
BROWNÆ. A description of a rare American plant of the brownæ kind; with some remarks on this genus <i>Bergius</i>	LXIII 173	
		BRUTES,

	Transf.	Abridg.
BRUTES. Divers instances of peculiarities of nature, both in men and brutes <i>Fairfax</i>	II 549	III 191, 287
— Observations of luminous emanations from human bodies and from brutes, with some remarks on electricity <i>Miles</i>	XLIII 441	X 278
BUBONOCELE. Of a bubonoccele, or rupture in the groin, and the operation made upon it <i>Amyand</i>	XL 361	IX 161
BUCKS-HORN PLANTAIN. Letter concerning the virtues of the star of the earth, coronopus, or bucks-horn plantain, in the cure of the bite of a mad dog <i>Steuart</i>	— 449	VIII 83
BUENOS AYRES. The longitude of Buenos Ayres determined from an observation made by <i>Pere Feuillé</i>	XXXII 2	
BUFFON. A view of the relation between Dr. Hallet's tables and the notions of Mr. de Buffon, for establishing a rule for the probable duration of the life of man <i>Kerffeboom</i>	XLVIII 239	
BUILDING. Directions for inquiries concerning stones and other materials for the use of building; together with a suggestion for retrieving the art of hardening and tempering steel for cutting porphyry and other hard marbles <i>Oldenburg</i>	VIII 6010	I 588 III 419
— An account of the advantage of Virginia for building ships <i>—</i>	— 6015	II 566
— Description of a most effectual method of securing buildings against fire <i>Lord Mabon</i>	LXVIII 884	
BULBOUS ROOTS. A letter giving an account of tulips, and such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground <i>Triewald</i>	XXXVII 79	VI 2 54
— An account of the same experiments tried the next year by <i>Miller</i>	— 81	— 355
— Experiments and observations on bulbous roots, plants, and seeds growing in water <i>Curtis</i>	XXXVIII 267	VIII 525
BULK. Specific gravity of several metalline cubes, in comparison with their like bulks of water <i>Hauksbee</i>	XXVII 511	IV 2 182
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and therefore that there is an interspersed vacuum <i>Desaguliers</i>	XXXI 81	VI 2 157
		— Ex-

	Transf.	Abridg.
BULK. Extract of a letter concerning two men of an extraordinary bulk and weight <i>Knowlton</i>	XLIV 100	XI 1245
BULLET. Account of a bullet voided by urine - - - <i>Fairfax</i>	III 803	III 160
— A brief narrative of the shot of Dr. Robert Fielding with a musket-bullet, and its strange manner of coming out of his head, where it had lain near 30 years; written by himself - - - <i>Fielding</i>	XXVI 317	V 205
— An account of a wound which the late lord Carpenter received at Brihuega, whereby a bullet remained near his gullet for a year wanting a few days - - - <i>Carpenter</i>	XL 316	
BULLOCK. An account of a very extraordinary effect of lightening on a bullock at Swanborow, in the parish of Iford, near Lewes in Suffex - - - <i>Lambert and Green</i>	LXVI 493	
BUOYANCY. A course of experiments to ascertain the specific buoyancy of Cork in different waters: the respective weights and buoyancies of salt water and fresh water; and for determining the exact weight of human and other bodies in fluids - - - <i>Wilkinson</i>	LV 95	
BURDETT. See <i>Serpent</i> .		
BURNING. An account of the burning of several hay-ricks by a fiery exhalation or damp: and of the infectious quality of the grafs of several grounds - - - <i>Floya</i>	XVIII 49	II 181
— An account of a woman accidentally burnt to death at Coventry - - - <i>Wilmer</i>	LXIV 340	
BURNING FOUNTAINS. An extract of an essay entitled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Avernî - - - <i>Brownrigg</i>	LV 236	
BURNING GLASSES. An account of a not ordinary burning concave lately made at Lyons, and compared with several others made formerly - - - <i>Vilette</i>	I 95	I 211
— — An account of the invention of grinding optick and burning glasses of a figure not spherical - - - <i>Smethwick</i>	III 631	— 194
— — An account of the making an extraordinary burning glass at Milan - - - <i>Anon.</i>	— 795	— —
— — An account from Paris concerning a great L		metalline

	Transf.	Abridg.
metalline burning concave, and some of the most considerable effects of it <i>Anon.</i>	IV 986	I 242
Two observations made by F. Lana concerning some of the effects of the burning concave made at Lions - <i>Lana</i>	VI 3060	III 325
A relation of the great effects of a new sort of burning speculum lately made in Germany - <i>Acta Eruditorum and Hook</i>	XVI 352	I 213
Experiments upon metals, made with the burning glass of the duke of Orleans <i>Geoffrey</i>	XXVI 374	IV 190
An account of some experiments tried with Mons. Vilette's burning concave in June 1718 - <i>Harris and Desaguliers</i>	XXX 976	— 198
Part of a letter giving an account of a new mirror, which burns at 66 feet distance; invented by M. de Buffon - <i>Needham</i>	XLIV 493	X 194
Concerning the same mirror burning at 150 feet distance - <i>Nicolini</i>	— 495	— 195
Extract of a letter concerning M. de Buffon's reinvention of Archimedes's burning specula <i>Buffon</i>	XLV 504	— 195
Observations upon father Kircher's opinion concerning the burning of the fleet of Marcellus by Archimedes <i>Parsons</i>	XLVIII 626	
A short narrative of the structure and effect of parabolic burning glasses made by M. Hoefen of Dresden; and an account of experiments made with them on the fusion of different substances - <i>Wolfe</i>	LIX 4	
BURNING MOUNTAIN. An account of the upper part of the burning mountain in the isle of Ternata, according to the view taken thereof <i>Witzen</i>	XIX 42	II 392
A further relation of the horrible burning of some mountains of the Molucco islands - <i>Witzen</i>	— 529	— 394
See <i>Volcano</i> .		
BURNING ROCK. Extract of a letter from Calcutta concerning a burning rock and a burning well - <i>Wood</i>	LII 415	
BURNING SPRING. A letter giving an account of the eruption of a burning spring at Brosley in Shropshire - <i>Hopton</i>	XXVII 475	IV 2 195
BURNING WELL. A letter concerning a burning well at Brosley - <i>Mason</i>	XLIV 370	X 586
BUTLER. Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigrease and false leaf-gold with aquafortis. See <i>Aquafortis</i> - <i>Baker</i>	LIV 15	

	Transl.	Abridg.
BUTTER. Account of an extraordinary meteor, or kind of dew resembling butter, that fell in Ireland - - - <i>Vans</i>	XIX 223	
- - - <i>Bishop of Clayne</i>	- -	
BUTTS. Letter concerning the circulation of the blood in butts - <i>Leeuwenhoek</i>	XXII 552	III 686
BUXTON WATER. Experiments and observations on the water of Buxton and Matlock in Derbyshire - - <i>Percival</i>	LXII 455	
C.		
CABBAGES. An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c; also to sweeten stinking water - <i>Hales</i>	XLIV 339	
CABBAGE-BARK TREE. Description and use of the cabbage-bark tree in Jamaica <i>Wright</i>	LXVII 507	
CACAO-TREE. An accurate description of the cacao-tree, and the way of its curing and husbandry, &c. - <i>Anon.</i>	VIII 607	II 662
CACHALOT. Description of the blunt-headed cachalot - <i>Robertson</i>	LX 321	
CACTUS OPUNTIA. An account of the male and female cochineal insects, that breed on the cactus opuntia, or Indian fig, in South Carolina and Georgia - <i>Ellis</i>	LII 661	
CAERLEON. See <i>Inscription</i> .		
CÆSAR. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain - <i>Halley</i>	XVII 495	III 412
CÆSARIAN OPERATION. An account of the Cæsar-ian operation performed by an ignorant butcher - <i>Copping</i>	XLI 814	IX 239
CAIRO. An account of E. W. Montague's journey from Cairo in Egypt, to the Written Mountain in the Defart of Sinai <i>Montague</i>	LVI 40	
CALAIS. Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais <i>Wallis</i>	XXII 967	IV 2 227
CALAMINARIS. An account of digging and preparing the lapis calaminaris <i>Pooley</i>	XVII 672	II 554
CALCINATION. A retraction of the 7th and last paragraph of Mr. W. Molyneux's letter, vol.		

	Transf.	Abridg.
XIX. p. 552, concerning Lough Neagh stone, and its non-application to the magnet upon calcination - <i>Molyneux</i>	XIV 820	II 323
See <i>Lake</i> .		
CALCULUS. See <i>Stone</i> .		
CALEDONIA. Part of a journal kept from Scotland to New Caledonia in Darien; with a short account of that country - <i>Wallace</i>	XXII 536	III 561
CALENDAR. Remarks upon the solar and lunar years, the cycle of 19 years, commonly called the Golden Number, the Epact, and a method of finding the time of Easter, as it is now observed in most parts of Europe - <i>Earl of Macclesfield</i>	XLVI 417	X 131
— See <i>Style</i> .		
CALENTURE. A letter concerning a calenture <i>Oliver</i>	XXIV 1562	V 364
CALESH. Part of a letter concerning a new sort of calesh - <i>R. B.</i>	XV 1028	I 504
CALF. An account of a very odd monstrous calf - <i>Boyle</i>	I 10	II 899
An observation touching some particulars further considerable in the monstrous calf <i>Thomas</i>	— 20	— —
— Account of a monstrous calf with two heads - <i>Southwell</i>	XX 79	— —
— Part of a letter concerning a monstrous calf - <i>Adams</i>	XXV 2414	V 34
— A description of the head of a monstrous calf - <i>Craig</i>	XXVII 429	— 35
— An account of double foetus's of calves <i>Le Cat</i>	XLV 497	XI 1216
— See <i>Foetus</i> .		
CALF (SEA). Some account of the phoca, vitulus marinus, or sea calf, shewn in London in 1743 - <i>Parsons</i>	XLII 383	IX 74
CALIFORNIA. An extract of a memoir concerning the discovery of a passage by land to California; with a map and description of that country - <i>Picolo</i>	XXVI 232	V 2 191
CALLUS. An account of the cure of two sinuous ulcers possessing the space of the whole arm with the extraordinary supply of a callus, which fully answers the purposes of the Os Humeri, lost in time of cure <i>Fawler</i>	XXV 2466	— 388
— Observations upon the callus of the hands and feet - <i>Leeuwenhoek</i>	XXXII 156	VII 480
— An account of a large piece of the thigh-bone, which was taken out, and its place supplied by a callus - <i>Richardson</i>	XLI 761	

	Transf.	Abridg.
CAMDEN. An account of some observables in Lincolnshire, not taken notice of by Camden, or any other author - <i>Merret</i>	XIX 343	II 267 III 533
CAMELEON. Some observations on aameleon - <i>Goddard</i>	XII 930	II 816
— An account of a particular species of camoleon - <i>Parsons</i>	LVIII 192	
CAMELOPARDALIS. A letter on a camelopardalis about the Cape of Good Hope - <i>Carteret</i>	LX 27	
CAMP. A letter concerning two ancient camps in Hampshire - <i>Wright</i>	XLIII 273	XI 1295
— A letter giving an account of the present condition of the Roman camp at Caistor in Norfolk, with a plan of it - <i>Baker</i>	XLVI 196	— 1295
CAMPHIRE. An account of camphire - <i>Neuman</i>	XXXIII 321	VII 692
— - - <i>Brown</i>	— 361	— 697
— A letter touching the efficacy of camphire in maniacal disorders - <i>Kinnier</i>	XXXV 347	— 632
— Differtation on the camphire of Thyme - <i>Neuman</i>	XXXVIII 202	IX 382
— Experiments with camphire - <i>Alexander</i>	LVII 65	
CANALS. Treatise on rivers and canals - <i>Mann</i>	LXIX 555	
CANARY SEED. The husbandry of canary feed - <i>Tenison</i>	XXVIII 91	IV 2 309
CANCER. Letter concerning a strange cancer of which his father died - <i>Kay</i>	XXIII 1069	V 217
— Two histories of internal cancers, and of what appeared upon dissection - <i>Burton</i>	XLII 99	IX 225
— A dissertation upon the cancer of the eye-lids, nose, great angle of the eye, and its neighbouring parts, commonly called the noli-metangere, deemed hitherto incurable by both ancients and moderns, but now shewn to be as curable as other distempers - <i>Daniel</i>	XLIX 186	
— An account of a case [swellings in the breasts or cancer] in which green hemlock was applied - <i>Colbrook</i>	LIII 346	
CANCER-MAJOR. Some observations on the cancer-major - <i>Collinson</i>	LXIV 70	X 864
— Further observations - <i>Collinson</i>	XLVII 40	
— See <i>Crab</i> .		
CANDLE. A ready way of lighting a candle by a very small electrical spark - <i>Ingenhousz</i>	LXVIII 1022	
CANELLA. A discourse on the cinnamon, cassia, or canella - <i>White</i>	L 860	
— Letter on cinnamon - <i>Comber</i>	— 873	
CANKER WORM. A narrative of the destruction of the canker-worms and locusts which destroyed		

	Transf.	Abridg.
the fields near Witemberg for several years - - - <i>Weidler</i>	XXXVIII 294	
CANNARA. An explanation of the figures of a Pagan temple, and unknown characters, at Cannara in Salfet - <i>Stuart</i>	XXVI 372	V 2 60
CANNON BALLS. The force of fired gunpowder, and the initial velocities of cannon-balls, determined by experiments: from which is also deduced the relation of the initial velocity to the weight of the shot and the quantity of powder - <i>Hutton</i>	LXVIII 50	
CANON. A question in musick lately proposed to Dr. Wallis concerning the division of the monochord or section of the musical canon, with his answer to it - <i>Wallis</i>	XX 80	I 610
CANTHARIDES. Letter concerning the internal use of cantharides - <i>Yonge</i>	XXIII 1210	V 405
CANTON. New electrical experiments and observations, with an improvement of Mr. Canton's electrometer - <i>Cavallio</i>	LXVII 388	
CANULA. Observations on fungous excrescences of the bladder; a cutting-forceps for extirpating these excrescences; and canulæ for treating these diseases - <i>Le Cat</i>	- 292	
CAPE CORSE. Two letters giving an account of the customs of the inhabitants, the air, &c. of Cape Corse; with an account of the weather there from Nov. 24, 1686, to Nov. 24, 1687 - <i>Hillier</i>	XIX 687	II 53
CAPE OF GOOD HOPE. An account of two plants lately brought from the Cape of Good Hope - <i>Sloane</i>	XVII 664	II 672
_____ An account of the Cape of Good Hope - <i>Maxwell</i>	XXV 2423	
_____ An observation of the end of the total lunar eclipse Mar. 5, 1718, observed near the Cape of Good Hope, serving to determine the longitude thereof; with remarks thereon - <i>Halley</i>	XXX 992	IV 451
CAPE TOWN. An account of three journies from the Cape Town into the southern parts of Africa; undertaken for the discovery of new plants, towards the improvement of the Royal Botanical Gardens at Kew - <i>Maffon</i>	LXVI 268	
CAPILLARY TUBES. See <i>Water</i> .		
CARD. A description of a mariner's compass, contrived by - <i>Gowen Knight</i>	XLVI 505	X 689
		— An

	Transf.	Abridg.
— An account of some improvements of the mariner's compass, in order to render the card and needle, proposed by Dr. Knight, of general use — — — — — <i>Smeaton</i>	XLVI 513	X 474
CARDAN. A method of extending Cardan's rule for resolving one case of a cubic equation $x^3 - qx = r$ to the other case of the same equation, which it is not naturally fitted to solve, and which is therefore called the irreducible case — — — — — <i>Masferes</i>	LXVIII 912 LXX 85	
CARDOIDE. Of a cardoide curve, and of the figure so called — — — — — <i>Castilioneus</i>	XLI 778	VIII 108
CAREY (WILLIAM). The case of William Carey, whose tendons and muscles were ossified Further account Further account	LI 89 — 92 LII 143	
CARIBBEE ISLANDS. Observations made by a curious and learned person sailing from England to the Caribbee Islands With an enlargement of the observations And other observations in the same voyage — — — — — <i>Stubbes</i>	II 494 III 699 — 717	III 546 — 551 — 557
— — — Enquiries and directions to be made in the Caribbee Islands — — — — —	— 634	— 631
CARGUEYA. Account of the anatomy of an opossum — — — — — <i>Tyson</i>	XX 105	II 881
CARLSBAD (WATERS). An account of the Carlsbad mineral waters in Bohemia — — — — — <i>Milles</i>	I. 25	
— — — Observations on the lithontriptic virtues of Carlsbad water — — — — — <i>Whyte</i>	— 386	
CARNATION. A way to make two clear spiritous inflammable liquors, which differ very little in taste and smell; and being mixed together, do give a fine carnation colour, without either sensible fermentation or alteration — — — — — <i>Geoffroy</i>	XXI 43	III 367
CAROLINA. An account of animals and shells sent from Carolina — — — — — <i>Petiver</i>	XXIV 1592	
— An account of Mr. Mark Catesby's essay towards the natural history of Carolina and the Bahama Islands, with some extracts out of the first three sets by Continued, with extracts out of the fourth set Continued, with extracts out of the fifth set — — — — — <i>Mortimer</i>	XXXVI 425 XXXVII 174 — 447	VII 480

Continued,

	Transl.	Abridg.
o Continued, with extracts out of the sixth set		
- Mortimer	XXXVIII 315	
Continued, with extracts out of the seventh set		
- Mortimer	XXXIX 112	
Continued, with extracts out of the eighth set		
- Mortimer	— 251	
Continued, with extracts out of the ninth set		
- Mortimer	XL 343	
Continued, with extracts out of the tenth set		
- Mortimer	XLIV 599	XI 925
Continued, with extracts out of the appendix		
- Mortimer	XLV 157	— 926
CARP. Observations upon a pleasant way of catching carp		
- Templer	VIII 6066	II 837
— A letter on the management of carp in Polish Prussia		
- Forster	LXI 310	
CARPENTER (LORD). See <i>Wound</i> .		
CARRIAGE. Experiments to be made relating to land-carriage		
- Petty	XIV 666	I 514
CARTEIA. A discourse tending to shew the situation of the antient Carteia, and some other Roman towns near it		
- Conduitt	XXX 903	V 83
CARTAGES. Observations on cartrages lodging themselves in old willows		
- Willoughby	V 2100	II 773
CASSIA. An extract of a letter containing microscopical observations on Cassia, &c. <i>Leeuwenhoek</i>		
— A discourse on the cinnamon, cassia, or canella		
- White	XVII 949	III 685
- Letter on cinnamon		
- Camber	L 860	
	— 873	
CASSINI. Considerations concerning his geometric and direct method for finding the apogees, eccentricities and anomalies of the planets		
- Mercator	V 1168	I 253
— Extract of two letters, the one concerning an instrument to shew the moon's true place to a minute or two; as also the writer's design of correcting the hitherto-assigned motions of the sun: the other touching the necessity of making new solar numbers; together with an expedient of making trial, whether the refractions in Signor Cassini's table be just		
- Flamsteed	IX 219	
— The curve assigned by Cassini to planets as their orbit, considered and rejected		
- Gregory	XXIV 1704	IV 206
CASTELLIONE. Remarks upon a paper in Castellione's life of Sir Isaac Newton		
- Witherby	XLIV 153	
CASTLE-LEOD (Waters.) An account of the sulphureous mineral waters of Castle-Leod and		

	Transf.	Abridg.
Fairburn, in the county of Ross; and of the salt purging water of Pitkeatly, in the county of Perth in Scotland - <i>Monro</i>	LXII 15	
CASTOR. A receipt for the curing of castorium, according to the custom used in Russia <i>Anon.</i>	XVII 501	
— Letter concerning the Russia castor <i>Mounsey</i>	XLVI 217	
— See <i>Camp.</i>		
CASTRATION. An account of Mr. Tull's method of castrating fish - <i>Watson</i>	XLVIII 870	
CAT. A discourse on the dissection of a monstrous double cat - <i>Mullen</i>	XV 1135	II 901
— An account of an animal of the cat kind sent from the East Indies by general Clive to the duke of Cumberland - <i>Parsons</i>	LI 648	
CATACOMBS. Letter concerning the catacombs of Rome and Naples - <i>Monro</i>	XXII 643	III 448
CATADIOPTRICAL TELESCOPES. An account of a new catadioptrical telescope invented by Mr. Newton - <i>Anon.</i>	VII 4004	I 197
— Further suggestions about Mr. Newton's reflecting telescopes; together with his table of apertures and charges for the several lengths of that instrument - <i>Newton</i>	— 4032	— 200
— Answer to some objections made by an ingenious French philosopher, to the new reflecting telescopes - <i>Newton</i>	— 4034	— 201
— Some considerations upon part of a letter of M. de Bercé concerning the catadioptrical telescope, pretended to be improved and refined by Mr. Casségrain - <i>Newton</i>	— 4056	— 204
— An account of a catadioptrick telescope made by John Hadley, Esq. with the description of a machine contrived for applying it to use, - <i>Hadley</i>	XXXII 303	
— A new method of improving and perfecting catadioptrical telescopes, by forming the speculums of glass instead of metal <i>Smith</i>	XLI 326	VIII 113
CATALEPSY. Case of a cataleptick woman <i>Reynell</i>	XXXIX 49	IX 216
CATARACT (Of the eye). An account of two observations upon the cataract of the eye - <i>Benevoli</i>	XXXII 194	VII 489
— An account of the dissection of an eye with a cataract - <i>Ranby</i>	XXXIII 36	— 488
— History of the substance of a cataract <i>Rhætus</i>	XXXV 315	— 486
— An explication of the instruments used in a new operation on the eyes - <i>Chefelden</i>	— 451	— 493

	Transf.	Abridg.
— Extract of two letters concerning M. Daviel's method of couching a cataract <i>Hope</i>	XLVII 530	
— A description of a new method of opening the cornea, in order to extract the crystalline humour - - - <i>Sharp</i>	XLVIII 161	
— A second account of a new method of opening the cornea for taking away the cataract <i>Sharp</i>	— 322	
— An account of the success of Mont. Daviel's method of extracting cataracts <i>Cantwell</i>	LII 519	
CATARACT (Fall of water.) Letter concerning a cataract near Gottenburg - - <i>Gourdon</i>	XXII 691	II 325
CATARRHAL DISORDER. Extract of a letter containing some remarks upon the catarrhal disorder, which was very frequent in London and in its neighbourhood in May 1762; and upon the dysentery which prevailed in the following autumn - - - <i>Watson</i>	LII 646	
CATENARIA. Account of the curve called catenaria - - - <i>Gregory</i>	XIX 637	I 39
— Answer to the animadversions on Dr. Gregory's curva catenaria made in the Leipfick acts - - - <i>Gregory</i>	XXI 419	— 50
— An easy mechanical way to divide the nautical meridian line in Mercator's projection; with an account of the relation of the same meridian line to the curva catenaria <i>Perks</i>	XXIX 231	IV 456
CATERPILLARS. Letter concerning caterpillars that destroy fruit - - - <i>Garden</i>	XX 54	II 759
— An account of the cornel caterpillar - - - <i>Skelton</i>	XLV 281	
— An abstract of Mr. Bonnet's memoirs concerning caterpillars; drawn up in French by Mr. Abraham Trembley, here translated into English - - - <i>Anon.</i>	— 300	IX 831
CATHARTICUM. Observations and experiments on the Sal Catharticum Amarum, commonly called the Epfom salt - - - <i>Brown</i>	XXXII 348	VII 729
Further observations - - - <i>Brown</i>	— 372	— 732
CATOPTRICKS. An universal spherico-catoptrick theorem - - - <i>Dutton</i>	XXIV 1810	IV 184
— Account of a catoptrick microscope - - - <i>Robert Barker</i>	XXXIX 259	VIII 120
CATTLE. Account of a pond in Somersetshire, to which pigeons resort, but cattle will not drink at - - - <i>Beale</i>	I 323	II 332
Further account of this pond, with some particulars touching water - - - <i>Beale</i>	— 359	— —
		— An

	Transl.	Abridg.
— An account of a murrain in Switzerland, and the method of its cure - <i>Winkler</i>	XIII 93	II 869
- - - <i>Slare</i>	— 94	— 870
— A dissertation concerning the dreadful contagious distemper seizing the black cattle in the Venetian territories, and especially about Padua - <i>Ramazzeni</i>	XXIX 46	V 183
Recipe for the disorder amongst the cattle; sent from Holland - <i>Ancn.</i>	— 50	
— A brief account of the contagious disease which raged among the milch-cows near London in 1714; and of the methods that were taken for suppressing it - <i>Bates</i>	XXX 872	— 48
— An account of the distemper raging among the cow-kind in the neighbourhood of London; together with some remarks proposed for their recovery - <i>Mortimer</i>	XLIII 532	XI 916
Further observations - <i>Mortimer</i>	— 549	— 917
— A third account of the distemper among the cows - <i>Mortimer</i>	XLIV 4	— 921
— Concerning the burying of cows dead of the present reigning distemper, in lime or not - <i>Milner</i>	— 224	— 925
— A discourse of the usefulness of inoculation of the horned-cattle, to prevent the contagious distemper among them - <i>Layard</i>	L 528	
— Letter relative to the distemper among the horned-cattle - <i>Layard</i>	LXX 536	
CAVERNS. A description of the cave of Killarny, in the barony of Burren in Ireland <i>Lucas</i>	XLI 360	VIII 668
— A letter concerning a subterraneous cavern in Weredale - <i>Durant</i>	XLIV 221	X 588
— An account of large subterraneous caverns in the Chalk Hills near Norwich <i>Arderon</i>	XLV 244	— 593
— A letter containing an account of the cavern of Dunmore Park, near Kilkenny in Ireland - <i>Walker</i>	LXIII 16	
CAUL. Observations on a large onchium <i>Huxham</i>	XXXIII 60	VII 518
CAUMONT (MARQUIS). See <i>Stone</i> .		
CAUSWAY. See <i>Giant's Causeway</i> .		
CAYLUS. Extract of a letter concerning an antient method of painting, revived by Count Caylus - <i>Mazeas</i>	XLIX 652	
— Observations on the Abbé Mazeas's letter on the Count de Caylus's method of imitating the antient painting in burnt ware <i>Parjons</i>	— 655	
See <i>Encaustick</i>		

	Transf.	Abridg.
CEILAN. Method of catching fowl and deer in the Island of Ceilan, with an account of the cinnamon	<i>Strachan</i>	
— Some observations made in Ceilan	<i>Strachan</i>	
CELANDINE. A letter concerning the tubes or canals that convey the yellow sap in the herb called Chelidonium Majus, or Celandine		
—	<i>Leeuwenhoek</i>	
CEMENT WASZSER. An historico-physical observation of the brass waters of Neotolis, commonly called Cement Walzter, changing iron to brass		
—	<i>Belius</i>	
CENTER. On the finding of the center of oscillation		
—	<i>Taylor</i>	
— An account of an experiment explaining a mechanical paradox, viz. that two bodies of equal weight, suspended on a certain sort of balances, do not lose their equilibrium, by being removed one farther from the other nearer to the center		
—	<i>Desaguliers</i>	
CENTRIFUGAL FORCE. A commentary of some new observations to discover whether pendulums are obstructed by any centrifugal force	<i>Polenus</i>	
CENTRIFUGAL BELLOWS. See <i>Bel lows</i> .		
CENTRIPETAL. On the laws of the centripetal forces		
—	<i>Keill</i>	
— Observations on the physico-mathematical commentaries of J. Bernoulli on centripetal force		
—	<i>Keill</i>	
CEPPHUS. A description of the cephus	<i>Lysons</i>	
CEREBELLUM. An observation on a schirrus of the cerebellum	<i>Haller</i>	
CEREUS. A description of the Cereus Peruvianus, which flowered at Norimberg in 1730		
—	<i>Sisigertahl</i>	
CERUSS. A relation of the making of cerufs	<i>Vernatti</i>	
CHAFFE. A way of preserving ice and snow by chaffe	<i>Ball</i>	
CHALK. A letter containing certain chalky tubulous concretions called malm	<i>Needham</i>	
— An account of large subterraneous caverns in the chalk-hills near Norwich	<i>Arderon</i>	
— Remarks upon a petrified echinus of a singular kind, found on Bunnan's land, in the parish of Bovingdon in Hertfordshire, which is a clay, and supposed to have been brought with the chalk dug out of a pit in the field	<i>Parsons</i>	

CHALK-

	Transf.	Abridg.
CHALK-STONES. On the chalk-stones of the gout - - - <i>Leeuwenhoek</i>	XV 883	III 684
CHALYBEATE. A short account of the nature and virtues of the Pyrmont waters, with some ob- servations on their chalybeate qualities <i>Slare</i>	XXX 564	IV 2 201
CHANCE. An arithmetical paradox concerning the chances of lotteries - <i>Roberts</i>	XVII 677	III 679
— The laws of chance in a set of problems - - - <i>De Moivre</i>	XXVII 213	V 2 266
— A solution of the 15th general problem, pro- posed by De Moivre in his treatise de Men- sura Sortis - <i>Bernoulli</i>	XXIX 133	- - 255
Another general solution of the preceding pro- blem, with the assistance of combined and in- finite series - <i>De Moivre</i>	- 145	- - 266
— An essay towards solving a problem in the doc- trine of chances - <i>Bayes</i>	LIII 370	
— A demonstration of the second rule in the essay towards the solution of a problem in the doc- trine of chances, published in vol. LIII. - - - <i>Price</i>	LIV 296	
CHANNEL. An advertisement necessary for all na- vigators bound up the channel of England - - - <i>Anon.</i>	XXII 725	I 585
CHARACTERS. A letter containing the exact draughts of several unknown characters, taken from the ruins at Persepolis - <i>Flowers</i>	XVII 775	III 526
— A paper containing some unknown antient cha- racters, with remarks thereon, by Francis Af- ton, Esq. - <i>Flowers</i>	- 872	- 530
— An explanation of the figures of a Pagan tem- ple, and unknown characters, at Cannara in Salsit - <i>Stuart</i>	XXVI 372	V 2 60
— An explanation of the Runic characters of Kel- singland - <i>Celfius</i>	XL 7	IX 438
— Extract of a letter concerning a supposed con- nection between the hieroglyphical writing of antient Egypt, and the characteristic writing which is in use at this day among the Chinese - - - <i>Morton</i>	LIX 489	
— See <i>China</i> .		
CHARCOAL. Experiments and observations on char- coal - <i>Priestley</i>	LX 211	
— Extract of a letter on some electrical experi- ments made with charcoal <i>Kinnerfley</i>	LXIII 38	
— Account of the manner in which the Russians		

treat persons affected by the fumes of burning charcoal, and other effluvia of the same nature			
CHARM. Conjectures on the charming or fascinating power attributed to the rattle-snake; grounded on credible accounts, experiments, and observations	<i>Guthrie</i>	LXIX 325	
CHARR-FISH. Some account of the charr-fish, as found in North Wales	<i>Sleane</i>	XXXVIII 323	IX 55
CHARTS. Some remarks on the variation of the magnetic compass, published in the memoirs of the Academy of Sciences, with regard to the general chart of those variations made by E. Halley; as also concerning the true longitude of the Magellan Straights	<i>Farrington</i>	XLIX 210	
— A short dissertation on maps and charts		XXIX 165	IV 453
— Remarks on the censure of Mercator's chart, in a posthumous work of Mr. West of Exeter	<i>Mountaine</i>	L 563	
— A defence of Mercator's chart against the censure of Mr. West	<i>Dunn</i>	LIII 66	
— A letter concerning a new chart of the Red Sea, with two draughts of the roads of Mocha and Judda, and several observations made during a voyage on that sea	<i>Mountaine</i>	— 69	
— Particulars of the country of Labradore; extracted from the papers of Lieut. Roger Clarke, of his majesty's sloop the Otter, with a plane chart of the coast	<i>Newland</i>	LXII 77	
	<i>Curtis</i>	LXIV 372	
CHARTHAM. See <i>Bones</i> .			
CHEEK. An account of an extraordinary tumour or wen lately cut off the cheek of a person in Scotland	<i>Bower</i>	XXX 713	V 217
— Account of a rottenness of the cheek-bone, occasioned by a vast quantity of matter flowing from the mouth of a boy for three years			
	<i>Hardisway</i>	XXXV 374	VII 494
CHEESE. Observations on insects bred in cheese, &c. by	<i>Leeuwenhoek</i>	XVIII 194	III 685
CHELIDONIUM MAJUS. A letter concerning the tubes or canals that convey the yellow sap in the herb called Chelidonium Majus, orcelandine	<i>Leeuwenhoek</i>	XXIV 1730	V 2 267
CHERRY TREES. An experiment of making cherry-trees, that have withered fruit, to bear full			

	Transf.	Abridg.
and good fruit; and of recovering the almost-withered fruit <i>Merret</i>	II 455	II 652
CHESHIRE. Observations on the Roman colonies and stations in Cheshire and Lancashire <i>Percival</i>	XLVII 216	
CHESTNUT TREES. A letter concerning chefnut-trees - - - <i>Ducarel</i>	LXI 136	
Another letter on chefnut-trees <i>Tharpe</i>	— 152	
Another - - - <i>Hafled</i>	— 160	
Another - - - <i>Barrington</i>	— 167	
CHESTER. Observations on the population and diseases of Chester in the year 1774 <i>Haygarth</i>	LXVIII 131	
— See <i>Altar</i> .		
CHICHESTER. See <i>Inscription</i> .		
CHICKENS. Manner of hatching chickens at Cairo - - - <i>Graves</i>	XII 923	— 581
CHILD. An. account of two monstrous births at Paris - - - <i>Anon.</i>	II 479	III 301
— An account of two monstrous births in Devonshire - - - <i>Colepreff</i>	— 480	— —
— An account of two odd births <i>Grundt</i>	V 1188	— —
— Anatomical observations on a monstrous birth at Plymouth - - - <i>Durston</i>	— 2098	— —
— Extract of a letter containing some relations concerning some odd worms vomitted by children - - - <i>Lisler</i>	X 391	— 135
— A relation of a monstrous birth <i>Morris</i>	XII 961	— 302
— Relation of a child that remained 26 years in the mother's belly - - - <i>Bayle</i>	— 979	— 127
— An account of an extraordinary birth in Staffordshire - - - <i>Birch</i>	XIII 281	— 221
With reflections thereon - - - <i>Tyson</i>	— —	— —
— The description of a monstrous child born in South Jutland - - - <i>Krabe</i>	XIV 599	— 304
— Relation of an extraordinary child of six years old, who in face, &c. was as large as a full-grown woman; and of what appeared on the dissection of the body - - - <i>Sampson</i>	XIX 80	— 20
— An account of a child born with a large wound in the breast, supposed to proceed from the force of imagination - - - <i>Cyprianus</i>	— 291	— 222
— Letter concerning a child who had its intestines, mesentery, &c. in the cavity of the thorax - - - <i>Holi</i>	XXII 992	V 269
— Part of a letter concerning a monstrous birth - - - <i>Taylor</i>	XXV 2345	— 309
— Account of some monstrous births in Ireland in 1708 - - - <i>Derham</i>	XXVI 308	— —

	Transf.	Abridg.
— Account of a child crying in the womb <i>Derham</i>	XXXVI 485	V 310
— A short dissertation on a child's crying in the womb - <i>Derham</i>	— 487	— —
— An account of a monstrous double birth in Lorrain - <i>Maclaurin</i>	XXXII 346	VII 688
— Two extraordinary cases of a large stone in the urethra, brought on by the venereal infection, and a child born with a remarkable tumour on the loins - <i>Huxham</i>	XXXVI 257	— 560
— A case concerning a child born with the bowels hanging out of its belly - <i>Amyand</i>	XXXVII 258	— 516
— Account of a monstrous boy - <i>Cantwell</i>	XLI 137	IX 314
— Account of a monstrous child born of a woman under sentence of transportation <i>Sheldrake</i>	— 341	— 313
— An account of a monstrous fœtus resembling an hooded monkey - <i>Gregory</i>	-- 764	— 315
— Case of the heart of a child turned upside down - <i>Torres</i>	— 776	— 135
— A remarkable conformation, or lusus naturæ, in a child - <i>Warwick</i>	XLII 152	— 316
— Part of a letter concerning a child of a monstrous size - <i>Geoffroy</i>	— 627	— 317
— Account of a child's being taken out of the abdomen after having lain there upwards of 16 years - <i>Myddleton</i>	XLIV 617	XI 807
— A letter concerning a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it <i>Fluxham</i>	XLV 325	— 1020
— An account of 2 præternatural conjunction of two female children - <i>Parsons</i>	— 526	— 1209
— Part of a letter concerning a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband the next time of being with child - <i>Cooke</i>	XLVI 205	— 1063
— An account of a monstrous fœtus without any mark of sex - <i>Bafler</i>	— 469	— 1208
— An account of a double child born at Hebbs, near Middleton in Lancashire <i>Percival</i>	XLVII 360	
— An account of an extraordinary case of a child - <i>Guy</i>	XLIX 34	
— Anatomico-medical observations of a monstrous double child born Oct. 26, 1701, in Pannonia and died Feb. 23, 1723. (Lat.) <i>Torke</i>	L 311	
Another account - <i>Burnet</i>	— 315	
Another account - <i>Du Pleffis</i>	— 317	
Another account (Lat.) <i>Ericeschius</i>	— 318	

	Transf.	Abridg.
— An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver nor kidneys <i>Le Cat</i>	LVII 1	
— An account of a very small foetus brought into the world at the same time with a child in its full growth <i>Warner</i>	LX 453	
— An account of an extraordinary acephalous birth <i>Croper</i>	LXV 311	
CHILD-BED. Dissection of a woman who died in child-bed <i>Silvestre</i>	XXII 787	V 303
CHILD-BIRTH. See <i>Fetus, Monster, Parturition.</i>		
CHILTENHAM (Mineral water of). An examination of the Chilternham mineral water; which may serve as a method in general for examining mineral waters <i>Senckenberg</i>	XLI 380	VIII 650
CHIMNEY-PIECES. An account of two large stone chimney-pieces, with a peculiar sort of arch-work thereon <i>Wallis</i>	XIV 800	I 595
CHINA. A voyage of the emperor of China into the Eastern Tartary, 1682 <i>Anon.</i>	XVI 39	III 632
— A voyage of the emperor of China into the Western Tartary, 1683 <i>Anon.</i>	— 52	— —
— An explanation necessary to justify the geography supposed in these letters <i>Anon.</i>	— 62	— —
— Observations and conjectures concerning the Chinese characters <i>R. H.</i>	— 63	— —
— An account of a voyage to Chusan in China; with a description of the island, of the several sorts of tea, of the fishing, agriculture, &c. of the Chinese, &c. with several observations not hitherto taken notice of <i>Cunningham</i>	XXIII 1201	V 2 171
— An account of some plants collected at Chusan in China, by <i>James Petiver</i>	— 1419	IV - 286
— An explanation of the new chronological table of the Chinese history; translated into Latin from the original Chinese by father John Fr. Fouquet <i>Dereham and Fouquet</i>	XXXVI 397	VII 4 13
— A letter concerning the Chinese chronology and astronomy <i>Coffard</i>	XLIV 476	XI 1232
— Account of the knowledge of geography amongst the Chinese <i>Gaubil</i>	XLVI 327	X 255
— Some account of the paper money current among the Chinese <i>Gaubil</i>	— —	XI 1364
— A letter giving an account of several of the natural and artificial productions of China <i>D'Incarville</i>	XLVIII 253	

	Transf.	Abridg.
— Two letters concerning the Chinese chronology and astronomy - <i>Gaubil</i>	XLVIII 309	
— On the supposed connection between the hieroglyphical writing of antient Egypt, and the characteristic writing which is in use at this time among the Chinese <i>Morton</i>	LIX 489	
CHINA CABINET. An account of a China cabinet filled with several instruments, fruits, &c. used in China - <i>Buckley</i>	XX 390	II 252
Further account - <i>Sloane</i>	— 461	— —
Further account - <i>Sloane</i>	XXI 44	— 646
Further account - <i>Sloane</i>	— 70	— 252
CHINA DISHES. An intimation of a way found in Europe to make China dishes <i>Anon.</i>	I 127	III 658
CHINA STOVES. A letter containing an account of the manner in which the Chinese heat their rooms - <i>De Vigne</i>	LXI 59	
An account of the Kang, or Chinese stoves - <i>Gramont</i>	— 61	
CHINA VARNISH. The way of making several China varnishes; sent from the Jesuits in China to the great duke of Tuscany <i>Sherard</i>	XXII 725	I 585
CHIRURGERY. An argument for the more frequent use of laryngotomy, urged from a remarkable case in chirurgery - <i>Musgrave</i>	XXI 398	III 61
— A relation of a deaf and dumb person who recovered his hearing and speech after a violent fever: with some other medical and chirurgical observations - <i>Martin</i>	XXV 2469	V [357] V 2 127
— Part of a letter concerning a case in chirurgery, which is commonly mistaken for a fracture of the patella - <i>Devere</i>	XXXI 44	VII 678
— Two medico-chirurgical observations on the hydratides and consequences of an incomplete hernia, and on the functions of the intestine: exposed to fight - <i>Le Co.</i>	XLI 712	IX 189
— Various medico-chirurgical observations (Lat.) - <i>Schlicbling</i>	XLII 270	— 232
CHOROEIFIDES. Answer to Mr. Pecquet about the opinion, that it is the principal organ of sight with other considerable experiments <i>Marrisi</i>	V 1023	
CHOROGRAPHY. A solution of a chorographical problem, proposed by Richard Townley <i>Collins</i>	VI 2093	I 366
— The solutions of three chorographical problems - <i>Anon.</i>	XV 123!	— 222
CHRONOLOGY. Remarks upon the observations made upon a chronological index of Sir Isaac New-		

	Transf.	Abridg.
ton; translated into French by the observator and published at Paris - <i>Newton</i>	XXXIII 316	
— Remarks upon some dissertations lately publish- ed at Paris by the Rev. P. Souciet, against Sir Isaac Newton's chronology - <i>Halley</i>	XXXIV 205	VII 4 7
— Some farther remarks on P. Souciet's disserta- tions against Sir Isaac Newton's chronology - - <i>Halley</i>	XXXV 296	— - 11
— An explanation of the new chronological table of the Chinese history; translated into Latin from the original Chinese by father John Fr. Fouquet - <i>Dereham and Fouquet</i>	XXXVI 397	— - 13
— A letter concerning the Chinese chronology and astronomy - <i>Costard</i>	XLIV 476	XI 1232
— The application of Dr. Saunderson's theorem for solving unlimited equations to a curious question in chronology - <i>Horfe/alf</i>	LVIII 100	
CHRYSTALLINE HUMOUR. Observations about the chrystalline humour of the eye - <i>Leeuwenhoek</i>	XIV 790	
— Letter concerning the chrystalline humour in the eye of whales, fish, and other creatures and of the use of the eye-lids - <i>Leeuwenhoek</i>	XXIV 1723	V 2 267
CHUSAN. An account of a voyage to Chusan in China, with a description of the island, of the several sorts of tea, of the fishing, agri- culture of the Chinese, &c. with several ob- servations not hitherto taken notice of - - <i>Cunningham</i>	XXIII 1201	— - 171
— An account of some plants collected at Chusan in China, by - <i>James Petiver</i>	— 1419	IV - 286
CHURCHIL RIVER. Journal of a voyage made by order of the Royal Society to Churchill River. on the north-west coast of Hudson's Bay; of thirteen months residence in that country; and of the voyage back to England in 1768, 1769, - - <i>Wales</i>	LX 100	
CHYLE. Some anatomical observations and experi- ments concerning the unalterable character of the whiteness of the chyle within the lacteou- veins; together with divers particulars ob- served in the guts, especially some sorts of worms found in them - <i>Lifter</i>	VIII 6060	III 101
— An account of an experiment made for altering the colour of the chyle in the lacteal veins - - <i>Lifter</i>	XII 6	— 102
— Some probable thoughts of the whiteness of the		

	Transf.	Abridg.
chyle, and what it is after it is conveyed with- in the arteries - - - <i>Lifter</i>	XIII 242	III 106
— An account of chylicification <i>Cowder</i>	XIX 231	— —
CHYMISTRY. An account of some chymical, medi- cal, and anatomical particulars <i>Behm</i>	III 650	— 351
— Some reflections made on the enlarged account of Dr. Wittie's answer to hydrologia chymica, chiefly concerning the cause of the sudden loss of the virtues of mineral waters <i>Foat</i>	IV 1050	II 365
— Observations on these three chymical opera- tions, digestion, fermentation, and triture or grinding (hitherto in the author's opinion not sufficiently regarded) by which many things of admirable use may be performed <i>Langelet</i>	VII 5052	III 315
— The chymical touch-stone of Mr. John Kuncle, De acido & urinoso sale calido & frigido, con- tra Doctor. Voight's spirit. vini vinacatum - - - <i>Kuncle</i>	XV 896	
— Two propositions in chymistry desired to be an- swered in a year and a half by any person; if they are not in that time, the proposer promises he will do it himself - <i>Anon.</i>	XXI 186	II 752
— Observations on the class of sweet tastes, made by comparing the tastes of sweet plants with Mr. L'Emery's chymical analysis of them in his treatise of drugs - <i>Floyer</i>	XXIII 1160	V 406
— A vindication of Dr. Freind's chymical lectures, wherein the objections (in the <i>Leipfic Trans-</i> <i>actions</i> , Sept. 1710) brought against the at- tractive force of matter are removed <i>Freind</i>	XXVII 330	— 428
— A discourse concerning the usefulness of ther- mometers in chymical experiments, and con- cerning the principles on which the thermome- ters now in use have been constructed; toge- ther with the description and uses of a metal- line thermometer newly invented by - - - <i>C. Martimer</i>	XLIV 672	X 435
— A chymical experiment of the effect of quick- lime on alkaline sal volatile <i>Schlosser</i>	XLIX 222	
— Experiments and observations on lead-ore - - - <i>Richard W. yson</i>	LXVIII 863	
CICADA. Observations on the cicada or locusts of North America - <i>Collinson</i>	LIV 65	
— See <i>Locusts</i> .		
CICINDELA VOLANS. Observations on the ci- in- della volans, or flying glow-worm with the figure - - - <i>Waller</i>	XV 841	II 761 CICUTA.

	Transf.	Abridg.
CICUTA. See <i>Hemlock</i> .		
CINNABAR. Extract of a letter containing several observations on cinnabar and gunpowder		
- - - <i>Leeuwenhoe</i>	XVII 754	III 685
CINNAMON. A description of the cortex Winteranus, or wild cinnamon tree	- 462	II 663
— An account of the cinnamon in the island of Ceilan	XXIII 1094	V 2 179
— An account of the cinnamon-tree in Ceylon, and its several forts; communicated by the chief inspector of the cinnamon trade and manufacture in that island to Albertus Seba	XXXVI 97	VI 2 321
Some additions to the foregoing account	- 106	
— An account of the cinnamon-tree	XLVII 301	
— A discourse on the cinnamon, cassia, or cannella	L 860	
Letter on the cinnamon	- 873	
CIRCLE (ASTRONOMY). An observation of an extraordinary lunar circle, and of two paraelics made at Paris Oct. 20, 1747	XLV 524	X 483
CIRCLE (GEOMETRY). Answer to the animadversions of Mr Hugenius upon Dr. Gregory's book, De vera Circuli & Hyperbolæ Quadratura, as published in the Journal des sçavans	III 732	
— Some considerations on Mr Huygens's letter, printed in vindication of his <i>Examen</i> of the book intitled, De vera Circuli & Hyperbolæ Quadratura	- 882	
— The quantity of a degree of a great circle in English measures	XI 636	I 587
— Cubic and biquadratic equations constructed by a parabola and circle	XVI 335	- 63
— The construction of a quadratrix to the circle, being the curve described by its equable evolution	XXII 445	- 56
— An investigation of some theorems which suggest some remarkable properties of the circle, and are of use in resolving fractions, whose denominators are certain multinomials, into more simple ones	XLVII 566	
— Of triangles described in circles and about them	LXV 296	
— Theorems concerning polygons of greatest and least areas and perimeters inscribing and circumscribing the circle	- 301	
— A new and general method of finding simple and quickly converging series; by which the		

	Transf.	Abridg.
proportion of a diameter of a circle to its circumference may easily be computed to a great number of places of figures <i>Hutton</i>	LXVI 476	
CITRON. Some hortulan communications about the curious engrafting of oranges and lemons, or citrons, upon one another's trees; and of one individual fruit, half orange and half lemon, growing on such trees, &c. <i>Anon.</i>	II 553	II 685
CIVITA TURCHINO. An account of some subterraneous apartments with Etruscan inscriptions and paintings, discovered at Civita Turchino in Italy <i>Willcox</i>	LIII 127	
CLARET. A further account of some experiments of injecting claret, &c. into the abdomen, after cupping <i>Warrick</i>	XLIX 485	
CLAYS. An ingenious proposal for a new sort of maps of countries; together with tables of sands and clays, such chiefly as are found in the north parts of England <i>Lister</i>	XIV 739	— 450
— An account of curious wasps nests made of clay in Pennsylvania <i>Bartram</i>	XLIII 363	XI 847
— Remarks on a petrified echinus of a singular kind, found at Bunnan's Land, in the parish of Bovington in Hertfordshire, which is a clay, and supposed to have been brought with the chalk dug out of a pit in the field <i>Parsons</i>	XLIX 155	
CLEPSYDRA. A description of a clepsydra, or water-clock <i>Hamilton</i>	XLIV 171	X 428
CLIFFS. Extract of a letter containing observations on the precipices and cliffs on the north-east coast of Norfolk <i>Arderon</i>	— 275	— 589
CLIMATE. An essay upon the causes of the different colours of people in different climates <i>Mitchell</i>	XLIII 102	XI 926
CLIFTON. See <i>Coin</i> .		
CIRCULATION OF THE BLOOD. See <i>Blood</i> .		
CLOCK. A new invention of a clock aſcendant on a plane inclined <i>De Genneſ</i>	XII 1006	I 468
— A letter wherein Mr. Williamſon aſſerts his right to the curious and uſeful invention of making clocks to keep time with the ſun's apparent motion <i>Williamſon</i>	XXX 1080	IV 394
— A contrivance to avoid the irregularities in a clock's motion, occaſioned by the action of heat and cold upon the rod of the pendulum <i>Graham</i>	XXXIV 40	VI 297
— An account of ſome obſervations made in London by Mr. Graham, and at Black River, in Jamaica,		

	Transf.	Abridg.
Jamaica, by Colin Campbell, concerning the going of a clock, in order to determine the difference between the lengths of isochronal pendulums in those places <i>Bradley</i>	XXXVIII ₃₀₂	VII 238
— An account of the influence which two pendulum-clocks were observed to have upon each other <i>Ellicott</i>	XLI 126	VIII 246
Subject continued <i>Ellicott</i>	— 128	
— A description of a clepsydra, or water-clock <i>Hamilton</i>	XLIV 171	X 428
— Two methods by which the irregularity of the motion of a clock, arising from the influence of heat and cold upon the rod of the pendulum, may be prevented <i>Ellicott</i>	XLVII 479	
— Letter concerning the inventor of the contrivance in the pendulum of a clock to prevent the irregularities of its motion by heat and cold <i>Short</i>	— 517	
— Observations on a clock of Mr. John Sheiton, made at St. Helena <i>Maskeelyne</i>	LII 434	
— Observations for proving the going of Mr. Ellicott's clock at St. Helena <i>Mason</i>	— 534	
— An account of Mr. Mason's paper concerning the going of Mr. Ellicott's clock at St. Helena <i>Short</i>	— 540	
— Remarks on the foregoing account <i>Maskeelyne</i>	LIV 380	
— Astronomical observations made in the Forks of the river Brandivine in Pennsylvania, for determining the going of a clock sent thither by the Royal Society, in order to find the difference of gravity between the Royal Observatory at Greenwich, and the place where the clock was set up in Pennsylvania <i>Mason and Dixon</i>	LVIII 329	
— An account of the going of an astronomical clock <i>Wollaston</i>	LXI 559	
— See <i>Pendulum, Watches.</i>		
CLOGHER. An account of the subsiding or sinking down of a hill near Clogher in Ireland <i>Bishop of Clogher</i>	XXVIII 267	IV 2 250
CLOTH. A new engine to make linen-cloth without the help of an artificer <i>De Gennes</i>	XII 1007	I 501
CLOUDS. An attempt to solve the phenomenon of the rise of vapours, formation of clouds, and descent of rain <i>Desaguliers</i>	XXXVI 6	VI 2 61
— Extracts of two letters relating to the extracting electricity from the clouds <i>Nollet</i>	XLVII 553	

	Transf.	Abridg.
CLOUDS. Another letter relating to the extracting electricity from the clouds - <i>Mylius</i>	XLVII 559	
CLOVES. An extract of a letter containing microscopical observations on cloves - <i>Lecwenboek</i>	XLII 949	III 685
CLUSTERED ANIMAL-FLOWER. An account of the <i>astinia sociata</i> , or clustered animal flower, lately found on the sea-coasts of the new-ceded islands - <i>Ellis</i>	LVII 423	
CLUSTER POLYPE. Letter concerning a cluster polype, found in the sea near the coast of Greenland - <i>Ellis</i>	XLVIII 305	
COAL. Observations and trials about the differences between a burning coal and shining wood <i>Boyle</i>	II 605	— 646
— An account of two uncommon mineral substances found in some coal and iron mines in England - <i>Jessop</i>	VIII 6179	II 458, 459
— Observations on a subterranean fire in a coal mine near Newcastle - <i>Hodgson</i>	XI 762	— 383
— A relation of some strange phænomena, accompanied with mischievous effects, in a coal-work in Flintshire - <i>Moslyn</i>	XII 895	— 378
— The different strata observed in boring for coals in several parts of Yorkshire, with the expence of the same - <i>Malverer</i>	XXI 73	— 599
— A letter concerning a colliery that took fire, and was blown up near Newcastle, killing 69 persons, on August 18, 1708 - <i>Charlett</i>	XXVI 215	IV 2 206
— A description of the several strata of earth, stone, coal, &c. found in a coal pit at the west end of Dudley, Staffordshire. To which is added, a table of the specifick gravity of each stratum - <i>Fettipace and Houtshoe</i>	XXVII 541	— - 182
— A curious description of the strata observed in the coal-mines of Mendip in Somersetshire <i>Strachey</i>	XXX 968	— - 260
— An account of the strata in coal-mines <i>Strachey</i>	XXXII 395	VI - 222
— An account of the damp air in a coal pit of Sir James Lowther, Bart. sunk within 20 yards of the sea - <i>Lowther</i>	XXXVIII 109	VIII 655
— An experiment concerning the spirit of coals - <i>Clayton</i>	XLI 59	IX 395
— An account of coal-balls made at Liège <i>Hanbury</i>	— 672	— 501
— A letter concerning a coal-mine taking fire near Newcastle upon Tyne - <i>Durant</i>	XLIV 221	X 588
— A letter concerning spelter melting iron with pit-coal - <i>Mason</i>	— 370	— 671
— An account of the impressions of plants on the slates of coals. - <i>Da Costa</i>	L 228	— Re-

		Transf.	Abridg.
— Remarks on the Bovey coal	<i>Milnes</i>	LI 534	
— An account of a case of a young man stupified by the smoke of sea-coal	<i>Fresenius</i>	LII 454	
— A letter containing a short account of an explosion of air in a coal-pit at Middleton, near Leeds in Yorkshire	<i>Bernard</i>	LXIII 217	
— See <i>Bovey, Damp.</i>			
COATI MONDI. A letter concerning the Coati Mondí of Brasil	<i>Mackenzie</i>	XXXII 317	VII 449
COBALT. Part of a letter concerning cobalt, and the preparations of finalt and arsenic	<i>Kreig</i>	XXIV 1754	V 420
— Commentary on cobalt	<i>Linckius</i>	XXXIV 192	VI 2 236
COCCUS RADICUM. Some corrections and amendments concerning the generation of the insect called coccus radicum	<i>Breyneus</i>	XXXVII 444	VII 466
COCHEREL. See <i>Sepulchre.</i>			
COCHINEAL. Observations concerning cochineal, accompanied with some suggestions for finding out and preparing such like substances out of other vegetables	<i>Anon.</i>	III 796	II 784
— Letter enlarging and correcting his former notes upon Kermes; and withal insinuating his conjectures of cochineal's being a sort of Kermes	<i>Lister</i>	VII 5059	
— Observations on the making of cochineal, according to the relation had from an old Spaniard at Jamaica	<i>Anon.</i>	XVII 502	— 785
— A letter concerning cochineal	<i>Leeuwenhoek</i>	XXIV 1614	V 2 266
— The natural history of cochineal	<i>Rusty</i>	XXXVI 264	VII 478
— An account of the male and female cochineal insects, that breed on the castus opuntia, or Indian fig, in South Carolina and Georgia	<i>Ellis</i>	LII 661	
— An account of the Polish cochineal	<i>Wolfe</i>	LIV 91	
— Further account	<i>Wolfe</i>	— 95	
— A further account of the Polish cochineal	<i>Wolfe</i>	LVI 184	
COCHLEA. A description of the organ of hearing in the elephant, with the figures and situation of the offices, labyrinth, and cochlea, in the ear of that animal	<i>Blair</i>	XXX 885	V 82
COCKS. Microscopical observations and experiments concerning the animalcula in femine-masculino of cocks and spiders, shortness of breath, &c.	<i>Leeuwenhoek</i>	XXIII 1137	— 2 264
COD FISH. Letter concerning the spawn of cod-fish	<i>Leeuwenhoek</i>	XXII 821	— - 266
COD (Of the seed of plants). Instances shewing the			

	Transf.	Abridg.
correspondence of the pith and timber with the seed of the plant; as also of the bark or sap in the bark with the pulp of the fruit, or some encompassing coat or cod containing the seed - - - <i>B al</i>		
CÆCUM. An account of the cutting out of the cœcum of a bitch - - - <i>Musgrave</i>	IV 919	II 710
— A letter in answer to Mr. Oldenburgh, wherein he desired an explanation of a paragraph, touching the use of the intestinum cœcum <i>Lyster</i>	XIII 324	III 112
— Of an inguinal rupture, with a pin in the appendix cœci incruusted with a stone, and some observations on wounds in the guts - - - <i>Anyand</i>	XIV 457	— 425
COFFEE. An account of the coffee-shrub - - - <i>Sloane</i>	XXXIX 329	IX 153
— A discourse of coffee - - - <i>Houghton</i>	XVIII 61	II 659
COHESION. Some experiments concerning the cohesion of lead - - - <i>Desaguliers</i>	XXI 311	— 660
— Queries concerning the cause of cohesion of the parts of matter - - - <i>Triewald</i>	XXXIII 345	VI 325
— A remarkable case of cohesion of all the intestines in a man about 34 years of age - - - <i>Fenty</i>	XXXVI 39	— 2 5
— New experiments and observations concerning electricity - - - <i>Symmer</i>	L 550	
— Experiments on electricity; with a letter concerning the force of electrical cohesion <i>Mitchell</i>	LI 340	
— - - - -	— 393	
COINS. A letter giving a further account of some coins found at Honedon in Suffolk - - - <i>Dale</i>	XVII 874	III 441
— Letter concerning pewter money coined in Ireland by the late king James - - - <i>Thoresby</i>	XXIV 1875	V 2 31
— An easy method of procuring the true impression or figure of medals, coins, &c. - - - <i>Baker</i>	XLIII 77	XI 1339
— Explication of an inedited coin with two legends, in different languages, on the reverse - - - <i>Swinton</i>	LXI 78	
COINS (ETRUSCAN). Explication of a most remarkable monogram on the reverse of a very antient quinararius, never before published or explained - - - <i>Swinton</i>	LXIV 318	
— — Observations upon two antient Etruscan coins never before illustrated or explained - - - <i>Swinton</i>	LIV 99	
— Elucidation of an Etruscan coin of Paestum in Lucania, emitted from the mint there about the time of the social war - - - <i>Swinton</i>	LVIII 246	
— Remarks upon two Etruscan weights or coins never before published - - - <i>Swinton</i>	LXI 82	
COINS (NORMAN). Letter concerning some Norman coins found at York - - - <i>Thoresby</i>	XXIV 2127	V 2 30

	Transf.	Abridg.
COINS (PARTHIAN). A dissertation upon a Parthian coin, with characters on the reverse resembling those of the Palmyrenes <i>Swinton</i>	XLIX 593	
— — Remarks on a Parthian coin with a Greek and Parthian legend - <i>Swinton</i>	L 175	
— — Conjectures upon an inedited Parthian coin - <i>Swinton</i>	LI 680	
— — Description of two Parthian coins never hitherto published - <i>Swinton</i>	LVI 296	
COIN (PERSIAN). Observations upon five antient Persian coins struck in Palestine, or Phœnicia, before the dissolution of the Persian empire - <i>Swinton</i>	LXI 345	
COIN (PHOENICIAN). An attempt to interpret the legend and inscription of a very curious Phœnician medal never hitherto explained <i>Swinton</i>	LVII 266	
COIN (PUNIC). Interpretation of the inscription of a Punic coin struck in the Isle of Gozo <i>Swinton</i>	LVIII 235	
— — Description of a Punic coin appertaining to the Isle of Gozo, hitherto attributed to that of Malta by the learned - <i>Swinton</i>	— 261	
— — Observations on an inedited coin, adorned with two Punic characters on the reverse - <i>Swinton</i>	— 265	
— — Interpretation of two Punic inscriptions on the reverses of two Siculo-Punic coins, published by the prince de Torremuzza, and never hitherto explained <i>Swinton</i>	LXI 91	
COINS (ROMAN). Letter concerning some Roman coins, and other matters lately observed in Lincolnshire - <i>Anon.</i>	XXIII 1156	IV 2 246
— — Further account - <i>Thoresby</i>	— 1158	
— — An account of some Roman coins found at Clifton, near Edlington, Yorkshire <i>Thoresby</i>	XXIV 2149	V - 34
— — Part of a letter concerning some Roman coins found in Yorkshire - <i>Thoresby</i>	XXVI 134	— - 32
— — A description of some clay-mould, or concaves of antient Roman coins found in Shropshire - <i>Baker</i>	XLIV 557	XI 1320
— — An abstract of a discourse intituled, Reflections on the medals of Pescennius Niger, and some circumstances in the history of his life, written in French by - <i>M. Claude Gros de Baze</i>	XLVI 452	— 1314
— — An account of an inedited coin of the emprei Crispina - <i>Swinton</i>	LVI 27	
— — Remarks upon a Denarius of the Veturian		

	Tranf.	Abridg.
rian family, with an Etruscan inscription on the reverse - <i>Swinton</i>	LVIII 253	
— An account of a subærated Denarius of the Plætorian family; adorned with an Etruscan inscription on the reverse, never before published or explained - <i>Swinton</i>	LXII 60	
— Further remarks upon a Denarius of the Veturian family; with an Etruscan inscription on the reverse, formerly considered <i>Swinton</i>	LXIII 22	
COIN (SAMNITE). Some observations upon a Samnite Etruscan coin, never before fully explained - <i>Swinton</i>	LI 853	
— A dissertation upon a Samnite Denarius - <i>Swinton</i>	LII 28	
— An attempt to elucidate two Samnite coins, never before fully explained <i>Swinton</i>	LIX 432	
COINS (SAXON). An account of some Saxon coins lately found in Suffolk; communicated by - <i>Sir P. S.</i>	XVI 356	III 436
Remarks by - <i>W. W.</i>	— 361	— 438
COINS (SWEDISH). Letter concerning some Swedish coins - <i>Thoresby</i>	XXIV 1901	V 2 30
COINS (SYRACUSAN). Some observations on an indited Greek coin of Philistis queen of Syracuse, Malta, and Gozo, who had been passed over in silence by all the ancient writers <i>Swinton</i>	LX 80	
COLD ANIMAL. See <i>Animal</i> .		
COLD (CHEMISTRY). A new frigorific experiment, shewing how a considerable degree of cold may be produced without the help of snow, ice, hail, wind, or nitre, and that at any time of the year - <i>Boyle</i>	I 255	II 161
— An account of some experiments relating to the production of fire and flame; together with an explosion made by a mixture of two liquors actually cold - <i>Stare</i>	XVIII 201	III 359
— Observations upon the dissolutions and fermentations, which we may call cold, because they are accompanied with a coolness of the liquors into which they pass - <i>Geoffroy</i>	XXII 951	V 421
COLD (DISEASE). Some suggestions for remedies against cold - <i>Oldenburgh</i>	I 379	II 639
— Historical account of the late general coughs and colds, with some observations on other epidemical distempers - <i>Molyneux</i>	XVIII 105	III 271
— Extract of a letter concerning the bark preventing catching cold - <i>Salter</i>	XLIV 1	X 762
		— Re-

	Transf.	Abridg.
— Remarks upon its effects upon the blood <i>Hewson</i>	LX 398	
COLD (Natural philosophy). Account of the experimental history of cold - <i>Boyle</i>	I 8	
— A further account of Mr. Boyle's experimental history of cold - <i>Oldenburg</i>	— 46	
— Promiscuous inquiries chiefly about cold; with answers to some of them by <i>Hevelius</i>	— 344	III 631
— Tables of the barometrical altitudes at Zurich in Switzerland, in the year 1708, by Scheuchzer; and at Upminster in England, by Derham; as also the rain at Pisa in Italy, in 1707 and 1708, by Tilli; and at Zurich in 1708; and at Upminster in all that time; with remarks on the same tables; as also on the winds, heats and colds, and divers other matters occurring in those three different parts of Europe - <i>Derham</i>	XXVI 342	
— A contrivance to avoid the irregularities in a clock's motion, occasioned by the action of heat and cold upon the rod of a pendulum - <i>Graham</i>	XXXIV 40	VI 297
— An observation of the magnetic needle being so affected by great cold, that it could not traverse - <i>Middleton</i>	XL 310	VIII 741
— The effects of cold; together with observations of the longitude, latitude, and declination of the magnetic needle at Prince of Wales's Fort, upon Churchill River in Hudson's Bay, North America - <i>Middleton</i>	XLII 157	— 469
— A letter concerning a very cold day, and another concerning a very hot day, in June and July 1749 - <i>Miles</i>	XLVI 208	X 471
— A letter concerning the difference of the degrees of cold, marked by a thermometer kept within doors, or without in the open air <i>Miles</i>	XLIV 613	— 433
— Two methods by which the irregularity of the motion of a clock, arising from the influence of heat and cold upon the rod of the pendulum, may be prevented - <i>Ellicott</i>	XLVII 479	
— Letter concerning the inventor of the contrivance in the pendulum of a clock, to prevent the irregularities of its motion by heat and cold - <i>Short</i>	— 517	
— Observations on the late severe and cold weather - <i>Ardern</i>	XLVIII 527	
— An account of artificial cold produced at Peterburg - <i>Himfel</i>	LI 670	

	Transl.	Abridg.
— State of the cold at Berlin in the winter of 1762-3 - - - <i>Pallas</i>	LIII 62	
— Account of the degree of cold observed in Bedfordshire, Nov. 22, 1763 <i>Hottel</i>	LIV 118	
— Some account of the late cold weather, Jan. and Feb. 1767, at London <i>W. Watson</i>	LVII 443	
At Plymouth - - - <i>Anon.</i>	— 446	
— A note concerning the cold of 1740 and 1768 <i>Brown</i>	LVIII 54	
Observations on the same subject <i>Short</i>	— 55	
— Some remarks on the effects of cold in February 1771 - - - <i>Richard Watson</i>	LXI 213	
— An account of the remarkable cold observed at Glasgow in January 1768 <i>Wilson</i>	— 326	
— Observations on the intense cold in the months of Jan. 1767 and 1768, and Nov. 1770, at Franeker - - - <i>Van Swinden</i>	LXIII 89	
— An account of a most extraordinary degree of cold at Glasgow in January 1780; together with some new experiments and observations on the comparative temperature of hoar-frost and the air near to it, made at Glasgow <i>Wilson</i>	LXX 451	
— See <i>Heat and Thermometer.</i>		
COLIC. Letter concerning an unusual colic <i>Davies</i>	XXII 965	V 268
— An account of an extraordinary effect of the colic - - - <i>St. André</i>	XXX 580	— 270
— An account of an extraordinary colic <i>Huxham</i>	XXXVII 236	VII 517
COLLISION. A remark upon the new opinion relating to the forces of moving bodies, in the case of the collision of non-elastic bodies <i>Eames</i>	XXXIV 183	VI 287
COLOGNE. Remarks on the stones in the county of Naillau, and the territories of Treves and Cologne, resembling those of the Giant's Causeway in Ireland - - - <i>Trembley</i>	XLIX 581	
COLON. An account of part of the colon hanging out of a wound for 14 years <i>Vater</i>	XXXI 89	VII 513
COLONIES. Observations on the Roman colonies and stations in Cheshire and Lancashire <i>Percival</i>	XLVII 216	
COLOUR. An essay upon the causes of the different colours of people in different climates <i>Mitchell</i>	XLIII 102	XI 926
COLOURS (CHEMISTRY). An experiment of a way of preparing a liquor that shall sink into and colour the whole body of marble, causing a picture drawn on a surface to appear also in the inner parts of the stone <i>Kircher and Girard</i>	I 125	I 603
— An account of the use of the grain kermes for colouration - - - <i>Verny</i>	— 362	II 765

		Transf.	Abridg.
— A way of colouring fruit	- <i>Tonge</i>	V 2074	II 752
— A way of colouring leaves	- <i>Tonge</i>	— —	— —
— Some observations touching colours, in order to the increase of dyes, and the fixation of colours	- <i>Lifter</i>	VI 2132	III 658
— An account of an insect feeding upon hentane; the horrid smell of which is in that creature so qualified, as to become in some measure aromatic; together with the colour yielded by the eggs of the same	- <i>Lifter</i>	— 2176	II 783
— An account of an extraordinary tincture given to a stone	- <i>Reisch</i>	XVI 22	I 604
— A Latin and English catalogue of simple and mixed colours, with a specimen of each colour fixed to its proper name	- <i>Waller</i>	— 24	— 601, 605
— An experiment in which a surprising change of colour, from a pale transparent or clear liquor, to a very blue ceruleous one, and that in an instant, by the admission of air only: was applied to illustrate some changes of colour, and other effects on the blood of respiring animals	- <i>Sare</i>	XVII 898	
— Two letters giving an account of a red colour produced by the mixture of a sulphureous spirit with a volatile alkali	- <i>Gibbons</i>	XIX 542	— 214
— To give iron the colour and tincture of copper	- <i>Southwell</i>	XX 296	III 657
— A way to make two clear spirituous inflammable liquors, which differ very little in taste and smell; and being mixed together, do give a fine carnation colour, without either sensible fermentation or alteration	- <i>Geoffroy</i>	XXI 43	— 367
— Method of colouring marbles	- <i>Anon.</i>	XXII 727	IV 2 205
— An account of two observations in gardening, upon the change of colour in grapes and jessamine	- <i>Cane</i>	XXXI 102	VI 2 340
— An account of the bones of animals being changed to a red colour by aliment only	- <i>Beichner</i>	XXXIX 287	IX 102
— Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour	- <i>Du-Monceau</i>	XLI 390	— 103
— Observations of the effects which the farina of peas of different colours have on each other	- <i>Henschman</i>	XLIII 477	

	Transf.	Abridg
— An account of a new die from the berries of a weed in South Carolina - <i>Lindo</i>	LIII 238	
— Experiments and observations on the agreement between the specific gravities of the several metals and their colours, when united to glass, as well as those of their other proportions - <i>Delaval</i>	LV 10	
— An account of rings consisting of all the prismatic colours made by electrical explosions on the surfaces of pieces of metal - <i>Priestley</i>	LVIII 68	
— A letter on his new phosphorus receiving several colours, and only emitting the same <i>Beccaria</i>	LXI 212	
— A letter giving some account of the roots used by the Indians in the neighbourhood of Hudson's Bay, to dye porcupine quills - <i>Fagler</i>	LXII 54	
— Experiments on dying black - <i>Clegg</i>	LXIV 48	
— Experiments on a new colouring substance from the island of Amsterdam, in the South Seas - <i>Woulfe</i>	LXV 91	
COLOUR (Natural philosophy). Letter containing his new theory of light and colours - <i>Newton</i>	VI 3075	I 128
— Extracts of several letters concerning the appearance of several arches of colours contiguous to the inner edge of the common rainbow at Petworth - <i>Langwith</i>	XXXII 241	VI 122
— Another letter, with some reflections on the same subject - <i>Pemberton</i>	— 245	— 123
— An account of persons who could not distinguish colours - <i>Huddart</i>	LXVII	
— See <i>Light</i> .	p. 1. f. 260	
COLT. Observations upon a monstrous head of a colt - <i>Boyle</i>	I 85	
COBRA DE CABELAS PIETRA DE. See <i>Serpent-stone</i> .		
COLUBER CERASTES. A letter on the coluber cerastes, or horned viper of Egypt - <i>Ellis</i>	LVI 287	
COLUMNS. An account of two giants caufways, or groups of prismatic basaltine columns, and other curious volcanic concretions, in the Venetian state in Italy; with some remarks on the characters of those and other similar bodies, and of the physical geography of the countries in which they are found - <i>Strange</i>	LXV 5	
— An account of a curious Giants Caufway, or group of angular columns, newly discovered in the Euganean Hills, near Padua in Italy - <i>Strange</i>	— 418	
COMBINATIONS. The doctrine of combinations and		alternations

	Transl.	Abridg.
alternations improved and compleated		
COMET. The motion of the late comet predicted	XXIV 1961	IV 60
— Letter from Rome touching the late comet, and a new one	I 3	I 436
— Letter from Paris, containing reflections on part of the letter from Rome	— 17	— 346
— The motion of the second comet predicted, by the same gentleman who predicted the former	— 18	— 346
— An account of Hevelius's prodromus cometicus, together with some observations upon it, by a French philosopher	— 36	— 438
— Of the judgment of some of the English astronomers touching the difference between two learned men, about an observation made of the first of the late two comets	— 104	— 437
— Observations concerning the comet of 1668, which lately appeared in foreign parts, from Italy	— 150	— —
From Portugal	III 683	— 438
— An account of a new comet seen at Dantzick, March 1672	— 684	— 439
— Observations of a new comet made at Paris	VII 4017	— —
— Reflections on the foregoing observations	— 4042	— 440
— Observations concerning the comet that was seen in Brasil, 1668	— 4048	— 440
— Observations of the comet of April and May 1677, made at Paris	IX 91	— 370
At Dantzick	XII 868	— 443
At Greenwich	— 869	— 444
— An account of the comet of Aug. 1682, at Dantzick	— 873	— 445
— Short history of the comet of 1683, at Dantzick	XIII 16	— 446
— An extract of a letter concerning a late comet seen at Rome, June 30, 1684	— 416	— 448
— An account of a comet seen at Leipfick in Sept. 1686	XV 920	— 451
— Observations of the situation of the new comet of Feb. 1699, at Paris	XVI 256	— 452
— A synopsis of cometic astronomy	XXI 79	— —
— Observations made at Rome of the comet which appeared anno 1664	XXIV 1882	IV 345
— Accurate observations of the remarkable comet	XXV 2350	— 339

	Transf.	Abridg.
seen at the end of the year 1680, at Coburg in Saxony, 13 days before any where else <i>Kirch</i>	XXIX 170	IV 340
— An account of a small telescopic comet seen at London on the 10th of June 1717 <i>Halley</i>	XXX 721	— 344
— Account of the comet seen at Berlin in Jan. 1718 - - <i>Kirch</i>	— 820	— 342
— Observations on the comet seen at Berlin Jan. 18, 1718 - - <i>Kirch</i>	XXXII 238	VI 258
— Observations upon the comet that appeared in the months of October, November, and December 1723 - - <i>Bradley</i>	XXXIII 41	— 259
With some curious figures <i>Lord Paisley</i>	— 50	— 265
Observed at Albano - - <i>Bianchini</i>	— 51	— 266
At Lisbon - - <i>Carlsni</i>	— —	— —
— Observations upon the comet that appeared in October 1723, made at Bombay <i>Saunderson</i>	XXXIV 213	— 267
— A letter containing an account of a comet seen on February 29, 1731-2, from on board the Monmouth, in Table Bay - <i>Dove</i>	XXXVII 393	— —
— A collection of observations relating to the comet that appeared in January, February, and March 1736-7, at Oxford <i>Bradley</i>	XL 111	VIII 210
At Rome - - <i>Revillas</i>	— 118	— 213
At Philadelphia - - <i>Kearsey</i>	— 119	— 214
At Jamaica - - <i>Fuller</i>	— 122	— 215
At Madras - - <i>Sartorius</i>	— —	— —
At Lisbon - - <i>Vanbrugh</i>	— 123	— —
— The parabolic orbit for the comet of 1739, observed at Bologna - <i>Zanotti</i>	XLI 809	— —
— Observations on the comet of 1743, made at Vienna (Lat.) - <i>Carnabè</i>	XLII 457	— 216
— Observations on the late comet made at Sherborn and Oxford; with the elements for computing its motions - <i>Betts</i>	XLIII 91	X 111
— Observations on the comet of March 1742, by the Jesuits at Pekin - <i>Hodgson</i>	XLIV 264	— 116
— Paths of 19, according to the hypothesis which makes them, describe a parabola about the sun - <i>Struyck</i>	XLVI 89	— 117
— Observations on the comet seen at Pekin, 1748 - <i>Hallerstein</i>	— 305	— 124
— Thoughts on comets - <i>Dunthorne</i>	XLVII 281	— —
— Extract of a letter concerning the return of the comet expected 1757 or 1758 <i>Barker</i>	XLIX 347	— —
— Observations on the comet of September and October 1757, at Greenwich <i>Bradley</i>	L 408	— —

	Transf.	Abridg.
— Observations on the comet of Sept. and Oct. 1757, at the Hague - <i>Klinkenberg</i>	L 483	
— An account of the comet of May 1759 <i>Bevis</i>	LI 93	
— Another account - <i>Munckley</i>	— 94	
— Observations on the comet of Jan. 1760, at London - - <i>Short</i>	— 465	
— At Cambridge - - <i>Mitchell</i>	— 466	
— At London - - <i>Munckley</i>	— 467	
— At Lowick, near Thropston, Northamptonshire - - <i>Day</i>	-- 469	
— Observations of the comet seen at Paris, Feb. 1760 - - <i>De la Caille</i>	— 635	
— An account of the comet seen at Paris in June 1762 - - <i>De la Lande</i>	LII 581	
— Observations of the comet of May 1759, made at the Hague - - <i>Gabry</i>	LIII 3	
— A table of the places of the comet discovered at the Observatory of the Marine at Paris, Jan. 3, 1764, about 8 o'clock in the evening, in the constellation of the Dragon, concluded from its situation with regard to the stars - - <i>Messier</i>	LIV 151	
— A memoir, containing the history of the return of the famous comet of 1682; with observations of the same made at Paris from January to June 1759 - - <i>Messier</i>	LV 294	
— A discovery; with observations of two new comets in the Marine Observatory at Paris, March 1766 - - <i>Messier</i>	LVI 57	
— A letter giving an account of a comet seen April 9, 1766 - - <i>Brice</i>	— 66	
— Thoughts concerning comets <i>Winthorpe</i>	LVII 132	
— Extract of two letters on a new comet observed Jan. 10, 1771, at Paris <i>Messier</i>	LXI 104	
— A disquisition of the periodical time of the comet of 1770 - - <i>Lexell</i>	LXIX 68	
COMPASS. Undertakings concerning the variation of the magnetical compass, and the inclination of the inclinatory needle, as the result and conclusion of 38 years magnetical study - - <i>Bond</i>	VIII 6065	I 587
— A theory of the variation of the magnetical compass - - <i>Halley</i>	XIII 208	II 610
— Letter concerning a new sort of a magnetical compass; with several curious magnetical experiments - - <i>De la Hire</i>	XVI 344	— 620
— The variation of the compass, or magnetical		needle,

	Transl.	Abridg.
needle, in the Atlantick and Ethiopick Oceans, 1706 - <i>Maxwell</i>	XXV 2433	
— Some remarks on the variations of the magnetical compass, published in the Memoirs of the Academy of Sciences, with regard to the general chart of those variations made by E. Halley; as also concerning the longitude of the Magellan Streights - <i>Hailey</i>	XXIX 165	IV 453
— The variation of the magnetical compass observed in a passage from Cape St. Lucar, in California, to the Isle of Guan, or Guana, one of the Ladrone; with some remarks thereon - <i>Rogers</i>	XXXI 173	VI 2 286
— A new and exact table, collected from several observations taken in four voyages to Hudfon's Bay from London: shewing the variation of the magnetical needle, or sea compass, in the pathway to the said bay, according to the several longitudes and latitudes, from 1721 to 1725 - <i>Middleton</i>	XXXIV 73	- - 297
— A new and exact table collected from several observations taken from the year 1721 to 1729, in nine voyages to Hudfon's Bay, in North America: shewing the variation of the compass, according to the latitudes and longitudes, accounting the longitude from the meridian of London - <i>Middleton</i>	XXXVII 71	- - 300
— The use of a new azimuth-compass for finding the variation of the compass, or magnetic needle, at sea, with greater ease and exactness than by any yet contrived for that purpose - <i>Middleton</i>	XL 395	VIII 374
— A letter shewing, that the electricity of glass disturbs the mariner's compass, and also nice balances - <i>Robins</i>	XLIV 242	X 328
— On the effects of lightning in destroying the polarity of the mariner's compass; to which are subjoined, some remarks by Gowin Knight - <i>Waddell</i>	XLVI 111	X 695
— A description of a mariner's compass contrived by Gowin Knight -	- 505	- 689
— An account of some improvements of the mariner's compass, in order to render the card and needle proposed by Dr. Knight of general use - <i>Sineaton</i>	- 513	- 693
— The variation of the compass; containing 1719 observations to, in, and from, the East Indies,		Guinea,

	Transf.	Abridg.
Guinea, West Indies, and Mediterranean, with the latitudes and longitudes at the time of observations - <i>Douglas</i>	LXVI 18	
— Tract of his majesty's armed brig Lion, from England to Davis's Streights and Labrador; with observations for determining the longitudes by sun and moon, and errors of common reckoning: also the variation of the compass and dip of the needle, as observed during the said voyage in 1776 <i>Pickersgil</i>	LXVIII 1057	
— See <i>Needle</i> .		
CONCEPTION. An account of the dissection of a bitch whose cornua uteri being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - <i>Anon.</i>	XIII 183	II 904
— A letter on a false conception <i>Cole</i>	XV 1045	III 220
— Account of the bones of a fœtus voided per anum, some years after conception <i>Morley</i>	XIX 486	
— An account of an extra-uterine conception - <i>Myddelton</i>	XLIII 336	XI 1010
CONCOCTION. A short discourse concerning concoction - <i>Haver</i>	XXI 233	III 95
CONCRETIONS (Anatomy). The figures of some very extraordinary calculous concretions found in the kidney of a woman - <i>Lucas</i>	XLIV 465	XI 1001
CONCRETIONS (Natural history). A letter concerning certain chalky tubulous concretions, called malm - <i>Needham</i>	XLII 634	VIII 732
— An account of two giants caufways, or groups of prismatic basaltine columns, and other volcanic concretions, in the Venetian state in Italy; with some remarks on the characters of these and other similar bodies, and on the physical geography of the countries in which they are found - <i>Strange</i>	LXV 5	
CONDUCTOR. An account of the appearance of lightening on a conductor, fixed from the summit of the main-mast of a ship down to the water - <i>Winn</i>	LX 188	
— An account of the effects of lightening on a house which was furnished with a pointed conductor, at Tenterden in Kent; to which are added, some remarks by Mr. Henley <i>Haffenden</i>	LXV 336	
— New experiments and observations on the nature and use of conductors <i>Wilson</i>	LXVIII 245	

	Transf.	Abridg.
— Experiments in electricity; being an attempt to shew the advantage of elevated conductors		
— — — — — <i>Nairne</i>	LXVIII 823	
— New experiments upon the Leyden phial, respecting the termination of conductors	<i>Wifon</i>	— 999
— See <i>Lightening</i> .		
CONES. An investigation of a general theorem for finding the length of any arc of any conic hyperbola by means of two elliptic arcs, with some other new and useful theorems deduced therefrom	<i>Landen</i>	LXV 283
CONFORMATION. A remarkable conformation or lusus naturæ in a child	<i>Warwick</i>	XLII 152
— Two observations of a diseased conformation in bodies	<i>Haller</i>	XLIV 527
— Diseased conformations found in bodies	<i>Haller</i>	XLVI 172
CONGELATION. Account of a sudden congelation	<i>Hollman</i>	XLIII 239
CONGELATION. See <i>Frost</i> .		
CONGLACIATION. See <i>Frost</i> .		
CONIC SECTIONS. Some simple properties of conic sections, deduced from the nature of focus's, &c.	<i>De Moivre</i>	XXX 622
— The motion of projectiles near the earth's surface, considered independent of the properties of the conic sections	<i>Simpson</i>	XLV 137
— Some new properties in conic sections, discovered by	<i>Edward Waring</i>	LIV 193
— A disquisition concerning certain fluents which are assignable to the arc of conic sections; wherein are investigated some new and useful theorems for computing such fluents	<i>Landen</i>	LXI 298
— Properties of the conic sections; deduced by a compendious method	<i>Jones</i>	LXIII 340
CONJUNCTION. A short account of the three great conjunctions of Saturn, Jupiter, and Mars, at Dantzick, in 1682 and 1683	<i>Hewelius</i>	XIII 325
— An astronomical dissertation on the visible conjunction of the inferior planets with the sun	<i>Holley</i>	XVII 511
CONNOUGH WORM. See <i>Worm</i> .		— 427
CONSERVATORIES. Instances, hints, and applications, relating to a main point, solicited in the preface to this fourth volume; concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to		

	Transf.	Abridg.
promote the generation of salt, minerals, metals, crystal, gems, stones of divers kinds; and helps to conserve long, or to have satisfaction, fertility of any kind of land, &c. <i>Reale</i>	IV 1135	II 363
CONSTANTINOPLE. Historical observations relating to Constantinople - <i>Smith</i>	XIII 335	III 465
— A continuation of the historical observations relating to Constantinople - <i>Smith</i>	XIV 431	— 473
— Journal of a voyage from London to Constantinople - <i>Smith</i>	XIX 597	
— See <i>Population</i> .		
CONTAGION. A discourse of the usefulness of inoculation of the horned cattle, to prevent the contagious distemper among them <i>Layard</i>	L 528	
CONSTITUTIONS. Some observations of odd constitutions of bodies - <i>Oldenburg</i>	I 138	— 10
CONTRACTION. A cure of muscular contraction by electricity - <i>Partington</i>	LXVIII 97	
CONTRAYERVA. An account of the contrayerva - <i>Houston</i>	XXXVII 195	VI 2 331
CONTUSION. Account of a rupture of the ilium from an internal contusion, unattended with any external wound - <i>Wolfius</i>	XL 61	IX 160
CONVULSIONS. The history of periodical convulsions - <i>Cole</i>	XV 1113	III 35
— The history of a convulsive disease returning every eight years - <i>Cole</i>	— 1115	— 36
— An account of an unusual medicinal case of an hæmorrhage of bloody tears in convulsion fits - <i>Monginot</i>	XXII 756	V 355
— Of the extraordinary effects of musk in convulsive disorders - <i>Wall</i>	XLIII 212	XI 1044
— Case of a boy troubled with convulsive fits cured by the discharge of worms <i>Oram</i>	L 518	
— — — — — <i>Gaze</i>	— 521	
— — — — — <i>Wall</i>	— 836	
— An account of some extraordinary effects arising from convulsions - <i>W. Watson</i>	— 743	
COOKERY. An account of the Moorish way of dressing their meat (with some remarks) in West Barbary, from Cape Sparte to Cape de Geer - <i>Jones</i>	XXI 248	III 626
COPERNICUS. An account of a portrait of Copernicus, presented to the Royal Society by Dr. Wolf of Dantzick - <i>Wolf</i>	LXVIIp.1f33	
COPPER. Account of the copper-mine at Herrn Ground in Hungary - <i>Brown</i>	V 1042	II 562
		— The

	Transf.	Abridg.
— The method, manner, and order of the transmutation of copper into brass, &c. <i>Povey</i>	XVII 735	II 565
— Letters concerning several copper-mines, in answer to some queries of Dr. Lister <i>Davies</i>	— 737	— 563
— The method, manner, and order of transmuting of copper into brass, &c. <i>Povey</i>	XXII 474	— 565
— An account of an human body found in a copper-mine <i>Leyel</i>	XXXIII 136	VI 2 204
— Letter concerning the copper-springs in the county of Wicklow, in Ireland <i>Henry</i>	XLVII 500	
— Second letter concerning the copper-springs in the county of Wicklow, in Ireland <i>Henry</i>	XLVIII 94	
— A letter containing experiments on the copper-springs in Wicklow, in Ireland, and observations thereon <i>Bond</i>	— 181	
— An account of the copper-springs lately discovered in Pennsylvania <i>Rutty</i>	XLIX 648	
— Actual fire in detonation, produced by the contact of tinfoil, with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
— A new method of assaying copper-ore <i>Fardyce</i>	LXX 30	
COPPERAS. An account of the way of making English green copperas <i>Colewall</i>	XII 1058	
CORAL. Some observations, on coral, large oysters, rubies, the growing of a sort of Ficus Indica, the gods of the Ceylause, &c. made in Ceilan <i>Strachan</i>	XXIII 1248	V 2 181
— A description of some corals, and other curious submarines, lately sent from the Philippine Isles by G. J. Cameli <i>Petiver</i>	— 1419	IV 2 286
— Microscopical observations on the pumice stone, coral, sponges, &c. <i>Leeuwenboek</i>	XXIV 2158	VI 2 267
— Microscopical observations on red coral <i>Leeuwenboek</i>	XXVI 126	V —
— New discoveries relating to the history of coral <i>Donati</i>	XLVII 95	
— An account of a MS treatise sent to the Royal Society, intituled, “A treatise upon coral, and several other productions of the sea, in order to illustrate the natural history thereof,” by the Sieur de Peyssonel <i>W. Watson</i>	— 445	
— Letter concerning the formation of corals and corallines <i>Parsons</i>	— 505	
— An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis <i>Schlosser</i>	XLIX 449	

	Transl.	Abridg.
— Extraſt of a letter giving an account of coral, and that it is a mats of animals of the polype-kind - - - <i>Trembley</i>	L 59	
— An account of a red coral from the Eaſt Indies of a very fingular kind - - <i>Ellis</i>	— 188	
— See <i>Polypus</i> .		
CORALLINE. Observations on a remarkable coralline - - - <i>Ellis</i>	XLVIII 115	
— A letter concerning the animal life of thoſe corallines that look like minute trees, and grow upon oysters and fucus's all around the ſea-coaſt of this kingdom - - <i>Ellis</i>	— 627	
— Letter concerning a ſpecies of corallines <i>Ellis</i>	— 504	
— An account of ſome fungitæ, and other curious coralloid foſſil bodies - - <i>Pennant</i>	XLIX 513	
— Observations on corallines, and the polypus's and other ſea animals living on them <i>Baſter</i>	L 258	
— Remarks on the above obſervations <i>Ellis</i>	— 280	
— An hiſtorical memoir concerning a genus of plants, called Lichen by Micheli, Haller, and Linnæus, and comprehended by Dillenius under the terms, uſnea, coralloides, and lich-noides; tending principally to illuſtrate their ſeveral uſes - - - <i>W. Waſſon</i>	— 652	
— Letter on the animal nature of the genus of zoophytes called corallina - - <i>Ellis</i>	LVII 404	
— An account of the actinia ſociata, or cluſtered animal-flower, lately found on the ſea-coaſts of the new-ceded iſlands - - <i>Ellis</i>	— 428	
CORBRIDGE. See <i>Antiquities</i> .		
CORD. Part of a letter concerning the improvement of the weather-cord - - <i>Arderon</i>	XLIV 169	X 453
CORK. A courſe of experiments to aſcertain the ſpecific buoyancy of cork in different waters; the reſpective weights and buoyancy of ſalt water and freſh water; and for determining the exact weight of human and other bodies in fluids - - - <i>Wilkinſon</i>	LV 95	
COR LEONIS. An obſervation on an occulta-tion of cor leonis by the moon, on Thurſday, March 12, 1747, in Surrey Street in the Strand, London, with a reflecting teleſcope, made by Mr. Short, which magnified about 100 times <i>Bevis</i>	XLIV 455	— 110
CORN. Letter concerning the ſmut of corn; tranſlated from the French by T. S. <i>Pluche</i>	XLI 357	VIII 817
— A letter with ſome microſcopical obſervations on		

	Transl.	Abridg.
the farina of the red lily, and of worms discovered in smutty corn	<i>Needham</i> XLII 634	VIII 817
— An account of the maize, or Indian corn	<i>Cooke</i> XLVI 205	
CORNEA. Observations upon incisions of the cornea	<i>Gandolphe</i> XXVI 387	V 286
— The case of a wound in the cornea of the eye, cured by	<i>Thomas Baker</i> XLI 135	IX 121
— Extract of a letter concerning the particulars of the cure of a wound in the cornea, and of a laceration of the uvea in the eye of a woman	<i>Aery</i> XLV 411	XI 954
— A description of a new method of opening the cornea, in order to extract the crystalline humour	<i>Sharp</i> XLVIII 161	
— A second account of a new method of opening the cornea for taking away the cataract	<i>Sharp</i> — 322	
— See <i>Cataract, Couching, Eye.</i>		
CORNUA UTERI. An account of the dissection of a bitch, whose cornua uteri being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen	<i>Anon.</i> XIII 183	II 904
CORNEL An account of the cornel caterpillar	<i>Skelton</i> XLV 281	
CORNISH DIAMONDS. An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds	<i>Borlace</i> XLVI 250	X 642
CORNUA AMMONIS. A letter concerning some vertebræ of ammonitæ, or cornua ammonis	<i>Miles</i> — 37	— 641
CORNWALL. An account of some mineral observations touching the mines of Cornwall and Devon; wherein is described the art of training a load; the art and manner of digging the ore, and the way of dressing and blowing tin	<i>Anon.</i> VI 2096	II 365
— The improvement of Cornwall by sea sand	<i>Anon.</i> X 293	— 729
— See <i>Antiquities, Barrows.</i>		
CORONA SOLIS MARINA AMERICANA. Observations upon the corona solis marina Americana; the American sea sun-crown	<i>Peyssonel</i> L 843	
CORONOPUS. Letter concerning the use of the star of the earth, coronopus, or buck's-horn plantain in the cure of the bite of a mad dog	<i>Steward</i> XL 449	VIII 83
CORRUPTION. Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means		

	Transf.	Abridg.
may be employed for preserving quadrupeds, reptiles, fishes, and insects <i>Reaumur</i>	XLV 309	
CORTEX ELEUTHERIÆ. An account of the quantity of resin in the cortex eleutheriæ <i>Brown</i>	XXXII 81	VII 738
CORTEX PERUVIANUS. See <i>Bark</i> .		
CORTEX WINTERANUS. An account of the true cortex winteranus, and the tree that bears it - - - <i>Sloane</i>	XVII 922	II 666
— See <i>Cinnamon Tree</i> .		
COSTERUS. See <i>Printing</i> .		
COSTIVE. An extraordinary case of a costive person, with a note, by W. Cowper <i>Sherman</i>	XXIV 2111	V 273
COTTON. Microscopical observations on the corneous fibres of a muscle, and the cortical and medullar part of the brain; as also of moxa and cotton - - - <i>Leeuwenhoek</i>	XII 899	III 684
— An extract of a letter containing microscopical observations on the seeds of cotton - - - <i>Leeuwenhoek</i>	XVII 949	— 685
COUCHING. An account of some observations made by a young gentleman who was born blind, or lost his sight so early, that he had no remembrance that he had ever seen, and was couched between 13 and 14 years of age <i>Cheffelden</i>	XXXV 447	VI 2 251
— See <i>Cataract, Cornea, Eye</i> .		
COUGHS. Historical account of the late general coughs and colds, with some observations on other epidemical distempers <i>Molyneux</i>	XVIII 105	III 271
— Letter concerning a substance coughed up resembling the vessels of the lungs <i>Buffiere</i>	XXII 545	— 68
— An account of a polypus coughed up by the wind-pipe - - - <i>Samber</i>	XXXIV 262	VII 503
— A case wherein part of the lungs were coughed up - - - <i>W. Waisson</i>	XLI 623	IX 137
— Cases of the remarkable effects of blisters in lessening the quickness of the pulse in coughs, attended with infarction of the lungs and fever - - - <i>Whytt</i>	L 569	
Cow. Letter concerning the bones of a dead fœtus taken out of the uterus of a cow <i>Sherman</i>	XXVI 450	V 54
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c; also to sweeten stinking water - - - <i>Hales</i>	XLIV 339	
— See <i>Cattle, Distemper</i> .		

	Transf.	Abridg.
COW (SEA). Account of the sea cow, and the use made of it - <i>Shadblam</i>	XLV 249	
CRAB. Some observations on the cancer major - <i>Collinson</i>	XLIV 70	X 864
Further observations - <i>Collinson</i>	XLVII 40	
Letter concerning the shells of crabs - <i>Parlons</i>	— 439	
CRABS EYES. Letter concerning crabs eyes - <i>King</i>	XXII 672	II 831
— A letter concerning an extraordinary fish called in Russia quab, and concerning the stones called crabs eyes - <i>Baker</i>	XLV 174	XI 876
CRAB STONES. An observation of the immoderate and fatal use of crab stones, and such like absorbent earths; and from whence have proceeded stones in the stomach and reins - <i>Braynius</i>	XLI 557	IX 171
CRAB TREES. How to multiply crab-stocks, and propagate trees by layers - <i>Tonge</i>	V 2074	II 752
CRAMP. An account of an extraordinary cramp - <i>Freund</i>	XXII 799	V 208
CRANE. Some observations on the crane, with improvements on that machine - <i>Desaguliers</i>	XXXVI 194	
— The description of a new and safe crane which has four different powers, invented by <i>Ferguson</i>	LIV 24	
CREDIBILITY. A calculation upon the credibility of human testimony - <i>Anon.</i>	XXI 359	III 662
CRISPINA. See <i>Cain</i> .		
CROCUS AUTUMNALIS SATIVUS. See <i>Saffron</i> .		
CROCODILES. An account of lacerta (crocodilus) ventre marsupio donato, faucibus merganseris rostrum æmulantibus - <i>Edwards</i>	XLIX 639	
CROTON SPICATUM. A description and figure of the croton spicatum, a new species of plant from America - <i>Bergius</i>	LVIII 132	
CROUNIAN LECTURES. See <i>Muscles</i> .		
CROYLAND. See <i>Sbrine</i> .		
CRURAL ARTERY. See <i>Artery</i> .		
CRUST. Of hydatides inclosed with a stony crust in the kidney of a sheep - <i>Cowper</i>	XXV 2304	V 54
CRYSTAL. An observation of optick glasses made of rock-crystal - <i>Divini</i>	I 362	I 195
— Account of sundry experiments made upon a crystal-like body sent from Island - <i>Bartholin</i>	V 2039	
— Reflections concerning the formation of crystal - <i>Lana</i>	VII 4068	II 465
— Of the origin of white vitriol, and the figure of its crystals, not yet accounted for - <i>Lifter</i>	XXI 331	— 537
— A letter containing some microscopical observa-		

	Transf.	Abridg.
tions upon the crystallized particles of silver dissolved in aquafortis - <i>Leeuwenhoek</i>	XXVII 20	V 2 267
— A description of some rare crystals lately discovered - <i>Schreuzer</i>	XXXIV 260	VI 2 226
— An account of perfect minute crystal stones - <i>Parsons</i>	XLIII 468	X 612
— An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds - <i>Borlace</i>	XLVI 250	— 642
— An account of the double refractions in crystals - <i>Beccaria</i>	LII 486	
— An attempt to account for the formation of spars and crystals - <i>King</i>	LVII 58	
— On the crystallizations observed on glass - <i>Keir</i>	LXVI 530	
CRYSTALLINE. Letter concerning the icy and crystalline mountain of Helvetia, called the Gletscher - <i>Muraltus</i>	IV 982	II 465
— A farther description and representation of the icy mountain called the Gletscher, in the canton of Berne, in Helvetia - <i>Jussel</i>	VIII 6191	— —
CRYSTALLINE HUMOURS. An extract of a letter containing microscopical observations on crystalline humours - <i>Leeuwenhoek</i>	XVII 949	III 685
— A description of a new method of opening the cornea, in order to extract the crystalline humour - <i>Sharp</i>	XLVIII 161	
CUBE. Of the weight of a cubic foot of divers grain - <i>Phil. Soc. at Oxford</i>	XV 926	I 522
Further list of specific gravities of bodies <i>ibid.</i>	— 927	— 523
— Cubic and biquadratic equation constructed by a parabola and circle - <i>Halle</i>	XVI 235	— 63
— The specific gravity of several metalline cubes, in comparison with their like bulks of water - <i>Hauksbee</i>	XXVII 521	
— A method of extending Cardan's rule for resolving one case of a cubick equation $x^3 - px = r$ to the other case of the same equation, which it is not naturally fitted to solve, and which is therefore called the irreducible case - <i>Mascheroni</i>	LXVIII 602	
— - - - <i>Mascheroni</i>	LXX 85	
— Of cubic equations and infinite series - <i>Hutton</i>	— 387	
CUCKOW. A description of a new species of cuckow - <i>Sparman</i>	LXVII p. 1. fol. 38.	

	Transf.	Abridg.
— A description of the cuculus lævis ceruleo flavescens cui in supremo Branchiarum opercula; or the yellow gurnard - <i>Tyfon</i>	XXIV 1749	IV 2 181
CUNTUR. An account of a prodigious large feather of the bird cuntur, brought from Chili, and supposed to be a kind of vultur - <i>Sloane</i>	XVIII 61	II 860
CUP. An attempt to explain an antient Greek inscription engraven upon a curious bronze cup with two handles, and published with a draught of the cup by Dr. Pocock, in his description of the East, vol. II. part II. page 207 <i>Ward</i>	XLVI 488	XI 1278
CUPPING. A farther account of some experiments of injecting claret, &c. into the abdomen after cupping - <i>Warrick</i>	XLIX 485	
CUPPING-GLASSES. On the application of an air-pump to cupping-glasses - <i>Luffkin</i>	XXI 287	III 265
— Letter concerning the application of the pneumattick engine to cupping-glasses <i>Luffkin</i>	— 408	— —
CURE. An extraordinary cure of a horse that was staked into his stomach - <i>Wallis</i>	XIX 118	
— An abstract of a remarkable case and cure of a woman from whom a foetus was extracted, which had been lodged in one of the fallopian tubes thirteen years - <i>Mounsey</i>	XLV 131	XI 1202
CURIOSITIES. Account of some natural ones from New England - <i>Winthrop</i>	V 1151	II 832-3 III 564
— Extract of two letters from Rome, concerning some statues, pictures, and other curiosities, found in a subterraneous town lately discovered near Naples - <i>Paderni</i>	XLI 484	IX 440
— Extract of another letter on the same subject - <i>Knapton</i>	— 489	— 442
— Extract of another letter on the same subject - <i>Crispe</i>	— 493	— 444
CURRENTS. An extract of a letter containing microscopical observations on currants <i>Leeuwenhoek</i>	XVII 949	-- 685
— Some observations concerning the virtue of the jelly of black currants in curing inflammations in the throat - <i>Baker</i>	XLI 655	VIII 838
CURRENT. An account of the current of the tides about the Orcades - <i>Anon.</i>	VIII 6139	II 290
— A conjecture about an under-current at the Straights mouth - <i>Thomas Smith</i>	XIV 564	— 288
— Of the currents at the Straights mouth <i>Anon.</i>	XXXIII 191	VI 2 171
— Observations upon the currents of the sea at the Antilles of America - <i>Peysfnel</i>	XLIX 624	
— Mediterranean - <i>Peysfnel</i>	— 634	

		Transf.	Abridg.
Bizerty in Barbary, 1724	- <i>Peysfonet</i>	XLIX 635	
Marfeilles	- <i>Peysfonet</i>	— 637	
Bonne (called also Hipone) in Barbary	<i>Peysfonet</i>	— 638	
CURVE. Short and easy method of drawing tangents to all geometrical curves. without any labour of calculation	- <i>Slufius</i>	VII 5143	I 18
— Easy way of demonstrating his method of drawing tangents to all sorts of curves, without any labour of calculation	- <i>Slufius</i>	VIII 6059	— 21
— Analytic investigation of the curve of quickest descent	- <i>Sault</i>	XX 425	— 463
— Some easy methods for the measuring of curve-lined figures, plain and solid	<i>Wallis</i>	XXII 547	— 58
— The method of squaring any kind of curves, or reducing them to more simple curves	<i>De Moivre</i>	XXIII 1113	IV 15
— Of the tangents of curves deduced immediately from the theory of Maxima and Minima	- <i>Ditton</i>	— 1333	— 7
— The curve assigned by Cassini to the planets as their orbit, considered and rejected	<i>Gregory</i>	XXIV 1704	— 206
— On the length of curve lines	- <i>Craig</i>	XXVI 64	— 43
— A ready description and quadrature of a curve of the third order, resembling that commonly called the foliate	- <i>De Moivre</i>	XXIX 329	— 24
— Treatise on the construction and measure of curves	- <i>Maclaurin</i>	XXX 803	— 51
— A new universal method of describing all curves of every order, by the help only of given angles and right lines	- <i>Maclaurin</i>	— 939	— 57
— The general quadrature of trinomial hyperbolic curves contained in two theorems	<i>Klungerstein</i>	XXXVII 45	VI 82
— A general method of describing curves by the intersection of right lines; moving about points in a given plane	- <i>Brakenridge</i>	XXXIX 25	VIII 58
— A letter concerning the description of curve lines	- <i>Maclaurin</i>	— 143	
— An abstract of what has been printed since the year 1721, as a supplement to a treatise concerning the description of curve lines published in 1719, and of what the author proposes to add to that supplement	- <i>Maclaurin</i>	— 148	
— Of the cardioide curve, so called from its figure	- <i>Castilioneus</i>	XLI 778	— 106
— A general investigation of the nature of the curve, formed by the shadow of a prolate spheroid, upon a plane standing at right angles to the axis of the shadow.	- <i>Witthell</i>	LVII 28	

	Transf.	Abridg.
— A specimen of a new method of comparing curvilinear areas; by which many such areas may be compared, as have not yet appeared to be comparable by any other method <i>Landen</i>	LXVIII 174	
— Some new theorems for computing the areas of certain curved lines - <i>Landen</i>	LX 441	
— Directions for making the best composition for the metals of reflecting telescopes; together with a description of the process for grinding, polishing, and giving the great speculum the true parabolic curve - <i>Mudge</i>	LXVII 296	
CUSANUS. See <i>Cycloid</i> .		
CUSTOMS. Extracts of some letters on the customs, manners and language of the northern Indians of America - <i>Johnson</i>	LXIII 142	
CUTICULA. Microscopical observations concerning the cuticula - <i>Leeuwenhoek</i>	IX 121	III 683
— Microscopical observations about the cuticula - <i>Leeuwenhoek</i>	XIV 568	— 684
CUTICULAR GLOVE. See <i>Skin</i> .		
CUTTING, MARGARET. See <i>Speech, Tongue</i> .		
CYANUS. Account of the <i>Cyanus foliis radicalibus partim integris, partim pinnatis, bractea calycis ovali, flore sulphureo</i> - <i>Haller</i>	XLIII 94	X 702
CYCLE. A method for finding the number of the Julian period for any year assigned; the number of the cycle of the sun; the cycle of the moon, and of the indictions for the same year being given; together with a demonstration of that method - <i>Collins</i>	II 568	III 399
CYCLOID. A demonstration of the synchronism of the vibrations made in a cycloid <i>Anon.</i>	VIII 6032	I 462
— Letter asserting the first invention and demonstration of the equality of the curve line of a paraboloid to a straight line to Mr. Wm. Neil; and next the finding a straight line equal to that of a cycloid, and of the parts thereof to Sir Christopher Wren - <i>Wallis</i>	— 6146	— 116
Another letter to the same purpose <i>Lord Broucker</i>	— 6149	— —
Another - <i>Wren</i>	— 6150	— —
— Letter concerning the spaces in the cycloid, which are perfectly quadrable <i>Wallis</i>	XVIII 111	— —
— Letter concerning the cycloid known to cardinal Cusanus about the year 1450, and to Carolus Bovillus about 1500 - <i>Wallis</i>	XIX 561	— —
CYDER. Of an excellent liquor made with cyder-apples and mulberries - <i>Colepreff</i>	II 502	

— Some

	Transf.	Abridg.
— Some communications concerning cyder <i>Reed</i>	VI 2128	II 650
— Some considerations of what choice of apples for the delicacy of the liquor in peculiar seasons; and for easy and speedy propagation: pears for some lands proper; their choice for manifold uses, especially for pleasant, or for lasting liquor; and how to be planted or ordered to the best advantage - <i>Beal</i>	— 2144	— 653
— An account of some improvements which may be made in cyder and perry - <i>Miles</i>	XLIII 516	
CYGNUS. A figure of the stars in the constellation of Cygnus; together with the new star in it, discovered some years since, and very lately seen by M. Hevelius again - <i>Hevelius</i>	I 372	I 453
— See <i>Swan</i> .		
CYLINDERS. The best proportions for steam-engine cylinders of a given content considered <i>Blake</i>	XLVII 197	
CYLINDROID. The generation of an hyperbolic cylindroid demonstrated, and the application thereof for grinding hyperbolic glasses, hinted at - <i>Wren</i>	IV 961	— 188
CYPRUS. A letter concerning the Cyprus of the antients - <i>Garcin</i>	XLV 564	X 741
CYSTIS. Case of a large quantity of matter or water contained in cystis's or bags adhering to the peritonæum, and not communicating with the cavity of the abdomen - <i>Graham</i>	XLI 708	IX 187
— An account of an extraordinary cystis in the liver, full of water - <i>Fernegan</i>	XLIII 305	XI 971

D.

DALMATIA. Observations on travels from Venice, through Istria, Dalmatia, Greece, and the Archipelago to Smyrna - <i>Vernon</i>	XI 573	
DAMPIER'S POWDER. The effects of Dampier's powder in curing the bite of a mad dog <i>Fuller</i>	XL 272	IX 224
— Another case drawn up by - <i>Hartley and Sandys</i>	— 274	— 224
DAMPS (In mines, pits, &c.) A relation of persons killed with subterraneous damps <i>Moray</i>	I 44	II 373
— Letter concerning the damps in the mines of Hungary, and their effects <i>Browne</i>	IV 965	— —
— Extract of a letter containing some observations about damps - <i>Lister</i>	X 391	— 375

	Transl.	Abridg.
— A letter containing a farther account of damp in mines - <i>Jessop</i>	X 450	II 376
— Observations on a subterranean fire in a coal mine near Newcastle - <i>Hidgson</i>	XI 762	— 383
— A relation of some strange phenomena, accompanied with mischievous effects in a coal-work in Flintshire. - <i>Mosslyn</i>	XII 895	— 378
— An account of the burning of several hay-ricks by a fiery exhalation or damp: and of the infectious quality of the grafs of several grounds - <i>Floyd</i>	XVIII 49	— 181
— Farther account of the fiery exhalation in Merionethshire - <i>Lhwyd</i>	— 223	— 180
— An attempt made to shew how damps or foul air may be drawn out of any sort of mines, &c. by an engine - <i>Defaguliers</i>	XXXV 353	VI 2 193
— A brief account of some of the effects and properties of damps, from observations of the effects of opening an old well at Boston in New England, July 19, 1729 <i>Greenwood</i>	XXXVI 184	— - 195
— An account of the damp air in a coal-pit of Sir James Lowther, Bart. sunk within 20 yards of the sea - <i>Lowther</i>	XXXVIII 109	VIII 656
— An experiment to shew that some damps in mines may be occasioned only by the burning of candles under ground, without the addition of any noxious vapour, even when the bottom of the pit has a communication with the outward air, unless the outward air be forcibly driven in at the said communication or pipe - <i>Defaguliers</i>	XXXIX 281	
— An observation of an extraordinary damp in a well in the Isle of Wight - <i>Cooke</i>	XL 379	— 658
— See <i>Flame</i> .		
DANTZICK. A relation of an inland sea near Dantzick, yielding at a certain season of the year a green substance, which causeth certain death - <i>Kirkby</i>	VII 4069	II 491
DARIEN. Part of a journal kept from Scotland to New Caledonia in Darien, with a short account of that country - <i>Wallace</i>	XXII 536	III 561
DARKNESS. An account of a remarkable darkness at Detroit in America, Oct. 19, 1762 <i>Stirling</i>	LIII 63	
DATE. An account of an ancient mantle-tree in Northamptonshire, on which the date of it (for the year 1133) is expressed by the nume-		

	Transf.	Abridg.
ral figures, which shews the great antiquity of those figures in England <i>Wallis</i>	XIII 399	I 107
— Extract of a letter concerning an antient date found at Widge Hall in Hertfordshire <i>Cope</i>	XXXIX 119	IX 420
Remarks on the above date <i>Ward</i>	— 120	— 421
Further account of it <i>Gulston</i>	— 122	
— Remarks upon an antient date, over a gateway, near the cathedral at Worcester <i>Ward</i>	— 136	
— An account of an antient date in Arabian figures, upon the north front of the parish church of Rumsfy in Hampshire <i>Barlow</i>	XLI 652	— 432
— A brief inquiry into the reading of two dates in Arabian figures cut upon stones, which were found in Ireland <i>Ward</i>	XLIII 283	XI 1260
— A description of an antient date in Arabian figures at Walling, near Aldermanston, Berkshire <i>Ward</i>	XLV 603	— 1267
DATE-STONES. An extract of a letter containing microscopical observations on date stones <i>Leeuwenhoek</i>	XLII 949	III 685
DAVENPORT (ANN). The case of Ann Davenport <i>Fynney</i>	LXVII 458	
DAVIS'S QUADRANT. A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea in thick and hazy weather without seeing the horizon <i>Leigh</i>	XL 413	VIII 360
DAVIS'S STREIGHTS. Track of his majesty's armed brig Lion, from England to Davis's Straights and Labrador; with observations for determining the longitude by sun and moon, and error of common reckoning: also the variation of the compass and dip of the needle, as observed during the said voyage in 1776 <i>Pickersgill</i>	LXVIII 1057	
DAY. Letter proposing a new place for the first meridian, and pretending to evince the equality of all natural days; as also to shew a way of knowing the true place of the moon <i>Anon.</i>	X 425	I 270
Answered by <i>Flamstead</i>	— 429	— —
— A letter concerning a very cold day, and another a very hot day, in June and July 1749 <i>Miles</i>	XLVI 208	X 471
DEAD BODIES. A letter concerning the body of a woman found in a morass in the Isle of Axholm in Lincolnshire <i>Stovin</i>	XLIV 571	XI 1326

	Transf.	Abridg.
— — An account of the dead bodies of a man and woman who were preserved 49 years in the Moors in Derbyshire — <i>Balguy</i>	XXXVIII 413	VIII 706
— — Extract of several letters concerning a body found in a vault in the church of Staver-ton in Devonshire, intire, after being buried upwards of 80 years — <i>Huxham and Tripe</i>	XLVII 253	
— — Some account of a body lately found in uncommon preservation under the ruins of the abbey at St. Edmundsbury, Suffolk; with some reflections upon the subject — <i>Collignon</i>	LXII 465	
DEAD SEA. Experiments by way of analysis upon the water of the dead sea, upon the hot springs near Tiberiades, and upon Hammon Pharoan water — — <i>Perry</i>	XLII 48	— 645
DEAFNESS. An account of an experiment concern- ing deafness — — <i>Holder</i>	III 665	III 42
— — Method of instructing persons deaf and dumb — — <i>Wallis</i>	XX 353	— 393
— — An account of a young lady born deaf and dumb taught to speak — — <i>Ellis</i>	XXIII 1416	V 2 134
— — An account of two deaf persons who can speak and understand one another by the motion of the lips — — <i>Waller</i>	XXV 2468	— - 219
— — A relation of a deaf and dumb person who re- covered his hearing and speech after a violent fever: with some other medical and chirurgi- cal observations — — <i>Martin</i>	— 2469	— 357
— — A method proposed to restore the hearing, when injured from an obstruction of the tuba eusta- chiana — — <i>Woshen</i>	XLIV 213	
— — Upon the sound and hearing of fishes by Jac. Theod. Klein; or some account of a treatise intituled, An enquiry into the reasons why the author of an epistle concerning the hearing of fishes, endeavours to prove they are all mute and deaf — — <i>Brocklesby</i>	XLV 233	XI 883
— — See <i>Speech</i> .		
DEAL ROD. The description of an hygrometer made of a deal rod — — <i>Arderan</i>	XLIV 184	X 757
DEAN. An account of the iron works in the forest of Dean — — <i>Powle</i>	XII 931	II 558
DEATHS. Some observations on the motion of dif- fuses, and on the births and deaths of men, and other animals, in different times of the <i>Νεχρήματα</i> — — <i>Paschall</i>	XVII 815	III 311
— — An account of the opening of the body of a		boy

	Transf.	Abridg.
boy who died suddenly, and what observable was found therein - <i>Preston</i>	XIX 362	III 32
— Observations on the death of a dog, on firing a volley of small shot - <i>Clarke</i>	— 779	— 650
— Observations on a case published in the last volume of the Medical Essays, &c. of recovering a man dead in appearance, by distending the lungs with air - <i>Fothergill</i>	XLIII 275	XI 969
— An extract of an Italian treatise written by Jos. Bianchini, upon the death of the countess Cornelia Zangari and Bandi of Cesena. To which are subjoined, an account of the death of Io Hitchell, who was burned to death by lightening; and of Grace Pett at Ipswich, whose body was consumed to a coal <i>Rolli</i>	— 447	— 1068
— On the digestion of the stomach after death - <i>John Hunter</i>	LXII 447	
— See <i>Dissertation</i> .		
DEATH WATCH. An account of the death-watch - <i>Allen</i>	XX 376	II 785
— Letter concerning the insect which is commonly called the death-watch <i>Derham</i>	XXII 832	V 27
— A supplement to the account of the pediculus pulsatorius, or death-watch; serving to the more perfect natural history of that insect - <i>Derham</i>	XXIV 1586	— 8
— An account of the scarabæus galeatus pulsator, or the death-watch <i>Stackhouse</i>	XXXIII 159	VII 407
DECIMAL. See <i>Fractions</i> .		
DECLINATION. Some remarks upon the method of observing the differences of right ascension and declination by cross hairs in a telescope <i>Halley</i>	XXXI 113	VI 165
— Description of a method of measuring differences of right ascension and declination with Dollond's micrometer; together with other new applications of the same <i>Moselyne</i>	LXI 536	
DEER. A discourse concerning the large horns frequently found under ground in Ireland; concluding from them, that the great American deer, called a moose, was formerly common in that island - <i>Molyneux</i>	XIX 489	II 432
— Method of catching fowl and deer in the island of Ceilan - <i>Strachan</i>	XXIII 1094	V 2 179
— A description of the moose deer of New England - <i>Dudley</i>	XXXI 65	
- - - <i>Dale</i>	XXXIX 384	IX 84
		— Ac.

	Transf.	Abridg.
— Account of the horn of a large deer found in the heart of an oak <i>Clark</i>	XLI 235	VIII 847
— An account of two extraordinary deers horns, found under ground in different parts of Yorkshire <i>Knowlton</i>	XLIV 124	X 601
DEGREE. Letter concerning a place in New York for measuring a degree of latitude <i>Alexander</i>	XLI 383	
— Proposal of a method for measuring degrees of longitude upon parallels of the æquator <i>Mitchell</i>	LVI 119	
— Letter containing a short account of the measurement of three degrees of latitude under the meridian of Vienna <i>Liesjanig</i>	LVIII 15	
— Introduction to the following observations made by Ch. Maſon and Jer. Dixon, for determining the length of a degree of latitude in the provinces of Maryland and Pennsylvania, in North America <i>Maſkelyne</i>	— 270	
Observations, &c. <i>Maſon and Dixon</i>	— 274	
Length of a degree of latitude in the provinces of Maryland and Pennsylvania, deduced from the observations of Meſſrs. Maſon and Dixon <i>Maſkelyne</i>	— 323	
— Kepler's method of computing the moon's parallax in solar eclipses, demonstrated and extended to all degrees of the moon's latitude; as also to the assigning the moon's correspondent apparent diameter: together with a concise application of this form of calculation to those eclipses <i>Pemberton</i>	LXI 437	
DELGOVITIA. Extract of a letter concerning the situation of the antient town Delgovitia <i>Knowlton</i>	XLIV 100	XI 1245
— A dissertation on the situation of the antient Roman station of Delgovitia in Yorkshire <i>Burton</i>	— 541	— 1246
DELIRIUM. Account of one who had no ear to music naturally, singing several tunes when in a delirium <i>Doddridge</i>	— 596	X 1084
— Case of the efficacy of bark in the delirium of a fever <i>Munkley</i>	L 609	
DELUGE. Some considerations about the cause of the universal deluge <i>Halley</i>	XXXIII 118	VI 2 1
Some further thoughts on the same <i>Hulley</i>	— 123	— - 4
— An extract of a philosophical account of a new opinion concerning the origin of petrifications found in the earth, which has hitherto been		

	Transf.	Abridg.
ascribed to the universal deluge, by Lazzaro Moro Antonio - <i>Ehrhart</i>	XLIV 163	X 615
— An attempt to account for the universal deluge - - <i>King</i>	LVII 44	
DENARIUS. See <i>Coin</i> .		
DENMARK. Remarks in a late journey into Denmark and Holland - <i>Oliver</i>	XXIII 1400	V 2 128
DENSITY. An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point observed by a thermometer - - <i>Hauksbee</i>	XXVI 267	VI 2 181
— An enquiry concerning the figure of such planets as revolve about an axis, supposing the density continually to vary from the center to the surface - <i>Clairaut</i>	XL 277	VIII 90
— An essay on the connection between the parallaxes of the sun and moon; their densities, and their disturbing motions on the ocean - - <i>Murdoch</i>	LVIII 24	
— An account of the calculations made from the survey and measures taken at Schehallien, in order to ascertain the mean density of the earth - - <i>Hutton</i>	LXVIII 689	
— See <i>Air</i> .		
DENTARIA HEPTAPHYLOS. An account of aphyllon and dentaria heptaphylos of Clusius, omitted by Mr. Ray - <i>W. Watson</i>	XLVII 428	
DESCARTES. See <i>Equations</i> .		
DETONATION. Actual fire and detonation produced by the contact of tin-foil with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
DETROIT. An account of a remarkable darkness at Detroit in America, Oct. 19, 1762 <i>Stirling</i>	LIII 63	
DEVIZES. See <i>Antiquities</i> .		
DEVON. An account of some mineral observations touching the mines of Cornwall and Devon; whereby is described the art of training a load, the art and manner of digging the ore, and the way of dressing and blowing the tin <i>Anon.</i>	VI 2096	II 565
DEW. Account of an extraordinary meteor, or kind of dew like butter, that fell in Ireland <i>Van Bp. of Cloyne</i>	XIX 224	
— A relation of observations concerning the falling dew, made at Medioburg in Zeland by Leonard Stocke, upon an open lead plain of the astronomical turret of John Munk, in the	— —	

	Transf.	Abridg.
night between the 25th and 26th of July 1741; with figures of the flocks of snow observed at the same place, Jan. 1742 (Lat.) <i>Stockett</i>	XLII 112	VIII 502
DIAGONALS. A letter gratulatory to M. Hevelius for his organographia, and particularly concerning divisions by diagonals - <i>Wallis</i>	IX 243	
DIAMETERS. A way for taking the diameters of planets - - <i>Auzout</i>	I 373	I 194
— A way for knowing the parallax of the moon; as also why, in the solar eclipse of July 2. 1666, the diameter of the moon did increase about the end - <i>Auzout</i>	— —	— 217
— A letter touching the invention of dividing a foot into many thousand parts, for mathematical purposes - - <i>Townley</i>	II 457	— 218
More ways for the same purpose <i>Hook</i>	— 459	— 220
A description of the instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness - - <i>Townley</i>	— 541	— 219
— Kepler's method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude, as also to the assigning the moon's correspondent diameter; together with a concise application of this form of calculation to those eclipses - - <i>Pemberton</i>	LXI 437	
— A new and general method of finding simple and quickly-converging series; by which the proportion of the diameter of a circle to its circumference may easily be computed to a great number of places of figures <i>Hutton</i>	LXVI 476	
DIAMONDS. A note about some unusual diamonds <i>Anon.</i>	IX 26	II 187
— A description of the diamond mines - - <i>Earl Marshal of England</i>	XII 907	— 467
— Experiments of the luminous qualities of amber, diamonds, and gum-lac <i>Wallis</i>	XXVI 69	IV 2 275
— Microscopical observations on the configuration of diamonds - - <i>Leewenboeck</i>	— 479	V 2 267
— A letter concerning diamonds lately found in Brazil - - <i>Sarmiento</i>	XXXVII 199	IV 2 182
— A letter concerning the specific gravity of diamonds - - <i>Ellicott</i>	XLIII 468	X 612
— An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds <i>Borlase</i>	XLVI 250	— 642

	Transf.	Abridg.
DIAPHRAGM. Of the structure of the midriff		
— <i>Leeuwenhoek</i>	XXXII 400	VII 687
— A letter concerning two posthumous letters of Ant. à Leewenhoek, relating to the diaphragm		
— <i>Hoogvlietii.</i>	— 435	
— On the palpitation of the diaphragm		
— <i>Leeuwenhoek</i>	— 436	— 562
— History of a split one in a child of ten months old, accompanied with part of the intestines being thrown into the thorax		
— <i>Fothergill.</i>	XLIV 11	XI 107
DIARIES. See <i>Meteorologica</i> !		
DIFFERENTIAL. A letter concerning the dispute about the invention of the method of fluxions, or differential method; with M. Leibnitz, his answer	XXX 923	IV 162
— The Newtonian differential method illustrated		
— <i>Stirling</i>	— 1050	— 141
DIGESTION. Observations on these three chemical operations, digestion, fermentation, and triture or grinding (hitherto in the author's opinion not sufficiently regarded) by which many things of admirable use may be performed		
— <i>Langelot</i>	VII 5052	III 315
— Observations about digestion, and the motion of the blood in a fever		
— <i>Leeuwenhoek</i>	XIII 347	— 684
— A discourse concerning digestion	<i>Leigh</i> XIV 694	— 94
— Experiments relating to digestion	<i>Musgrave</i> — 699	— 93
— On the digestion of the stomach after death		
— <i>John Hunter</i>	LXII 447	
DIOPTRICK PROBLEM. Why four convex glasses in a telescope shew objects erect		
— <i>Molyneux</i>	XVI 169	I 189
DIPPING NEEDLE. See <i>Needle</i> .		
DISEASES. Observation on a human body dead of odd diseases		
— <i>Fairfax</i>	II 546	III 76
— An account of the diseases of dogs, and several receipts for the cure of their madness, and of those bitten by them: extracted from the papers of Sir T. Mayerne, by		
— <i>Sir Theodore de Vaux</i>	XVI 408	II 870 III 283
— Some observations on the motion of diseases, and on the births and deaths of men and other animals, in the different times of the		
— <i>Nuxthausen</i>	XVII 815	— 311
— An account of a very large diseased kidney found on the dissection of a body; with the symptoms of the disease before death, and an explanation of the phenomena		
— <i>Cooper</i>	XIX 301	— 143

	Transl.	Abridg.
— Part of a letter giving an account of several magnetical experiments; and of one who pretended to cure or cause diseases, by applying a sympathetick powder to the urine		
— - - - - <i>Leeuwenhoek</i>	XIX 512	III 685
— Particular observations upon different maladies		
— - - - - <i>Gailbard</i>	— 717	— 288
— Of the diseases and remedies incident to northern countries		
— - - - - <i>Lloyd</i>	XXI 311	— 606
— An attempt to prove the antiquity of the venereal disease long before the discovery of the West Indies		
— - - - - <i>Beckett</i>	XXX 839	IV 329
— A letter concerning the antiquity of the venereal disease		
— - - - - <i>Beckett</i>	XXXI 47	VII 652
— A letter to Dr. Halley in answer to some objections made to the history and antiquity of the venereal disease		
— - - - - <i>Beckett</i>	— 108	— 663
— An extract from the books of the town council of Edinburgh, relating to a disease there, supposed to be venereal, in the year 1497		
— - - - - <i>Mackay</i>	XLII 420	IX 213
— A short account of the disease of which Joseph Bolognini died (Lat.)		
— - - - - <i>De Camillis</i>	XLIII 40	XI 1059
— Two observations of a diseased conformation in bodies		
— - - - - <i>Haller</i>	XLIV 527	— 1062
— Diseased conformation found in dead bodies		
— - - - - <i>Haller</i>	XLVI 172	
— Two singular cases of diseased knee-joints successfully treated; the first by topical applications, the second by operation		
— - - - - <i>Warner</i>	XLIX 452	
— A further account of the effects of electricity in the cure of some diseases		
— - - - - <i>Brydone</i>	L 695	
— An account of a cure of a diseased eye		
— - - - - <i>Layard</i>	— 747	
— Extract of a letter relating to an extraordinary agitation of the sea at Barbadoes, Mar. 31, 1761, and an epidemical disorder in that island		
— - - - - <i>Mason</i>	LII 477	
— An account of an extraordinary disease among the Indians in the island of Nantucket, and Martha's vineyard in New England		
— - - - - <i>Oliver</i>	LIV 386	
— An account of the disease called Ergot in French, from its supposed cause, viz. vitiated rye		
— - - - - <i>Tiffot</i>	LV 106	
— Observations on the population and diseases of Chester, in the year 1774		
— - - - - <i>Haygarth</i>	LXVIII 131	
— See <i>Distemper</i> and <i>Epidemy</i> .		
DISEASED CATTLE. See <i>Cattle, Distemper</i> .		
DISSECTION OF ANIMALS. An account of the dis-		

fection

	Transf.	Abridg.
section of a porpus; with some observation- omitted by Rondeletius - <i>Ray</i>	VI 2274	II 839
— Observations on the dissection of a rat <i>R. W.</i>	XVII 594	
— Observations on the dissection of a paroquet - - - <i>Waller</i>	XVIII 153	— 855
— An account of the dissection of a dog who had mercury injected into one of the jugulars <i>Pit.</i>	XX 184	III 234
— Some observations made on an ostrich dissected by order of Sir Hans Sloane - <i>Ranby</i>	XXXIII 223	VII 435
— Observations upon the dissection of an ostrich - - - <i>Warren</i>	XXXIV 113	— 437
— Some material observations upon dissecting an ostrich - - - <i>Ranby</i>	XXXVI 275	— —
— A letter concerning a cluster of small teeth ob- served at the root of each fang, or great tooth, in the head of a rattle snake, upon dissecting it - - - <i>Bartram</i>	XLI 358	IX 60
DISSECTION (Of human bodies). An account of an egg found in the tuba fallopiana of a woman lately dissected; with several remarks touching generation - - - <i>Buiffiere</i>	XVIII 11	III 211
— Relation of an extraordinary child of six years old, who in face, &c. was as large as a full- grown woman; and of what appeared on the dissection of the body - <i>Sampson</i>	XIX 80	— 20
— An account of a very large diseased kidney found on the dissection of a lady; with the symp- toms of the disease before her death, and an explanation of their phenomena <i>Cowper</i>	— 301	— 143
— An anatomical account of some remarkable things found on the dissection of a woman who died of a dropsy, after the paracentesis was performed; with a small reflection on the causes of dropsies - - - <i>Preston</i>	— 330	— 141
— A relation of a strange symptom attending a hy- drops pectoris, and the reason of it, as it ap- peared on the dissection of the body <i>Doudy</i>	— 390	— 77
— Dissection of a woman who died in child-bed - - - <i>Boestere</i>	XXII 787	V 303
— Some uncommon observations on the dissection of morbid bodies - - - <i>Vaughan</i>	XXIII 1244	— 261
— An account of a dropfical body dissected by - - - <i>Lafage</i>	XXIV 1977	— 291
— A letter giving an account of some anatomical observations made on a body dissected at Padua, by Mr. John Ray - <i>Dalh.</i>	XXV 2282	— 181

	Transf.	Abridg.
— An account of the dissection of a person who died of an ulcer in the right kidney <i>Douglas</i>	XXVII 32	V 257
— An account of what appeared on the dissection of Mr. Dove - <i>Cowper</i>	— 512	— 325
— An account of the dissection of a child <i>Blair</i>	XXX 631	— 275
— Some observations made in the dissection of three subjects - <i>Ranby</i>	XXXV 413	VII 560
DISSOLUTION. Observations upon the dissolutions and fermentations which we may call cold, because they are accompanied with a coolness of the liquors into which they pass <i>Geoffroy</i>	XXII 951	V 421
DISTANCES. Instance to Mr. Hook, for communicating a contrivance of making, with a glass of a sphere of 20 or 40 foot diameter, a telescope drawing several hundred feet: and his offer of recompensing that secret with another, teaching to measure with a telescope the distances of objects upon the earth <i>Auzout</i>	I 123	
— Of the correspondence to be procured for the finding out the true distance of the sun and moon from the earth by the parallax, observed under or near the same meridian <i>Oldenburg</i>	— 151	I 300
— A true copy of a paper found in the hand-writing of Sir Isaac Newton among the papers of Dr. Halley, describing an instrument for observing the moon's distance from the fixed stars at sea - -	XLII 155	VIII 129
— Some experiments in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen <i>Ellicott</i>	XLVI 578	X 202
— A letter containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship from time to time; together with the whole process of computation used on this occasion <i>Maskeelyne</i>	LII 558	
— Of the moon's distance and parallax <i>Murdock</i>	LIV 29	
— Concise rules for computing the effects of refraction and parallax, in varying the apparent distance of the moon from the sun or a star: also an easy rule of approximation for computing the distance of the moon from a star; the longitudes and latitudes of both being given, with demonstrations of the same <i>Maskeelyne</i>	— 263	
— A method by which a glass of a small plano-convex sphere, may be made to refract the rays		

	Transf.	Abridg.
of light to a focus of a far greater distance than is usual - <i>Hook</i>	I 202	I 193
DISTEMPERS. Historical account of the late general coughs and colds; with some observations on other epidemic distempers - <i>Molyneux</i>	XVIII 105	III 271
DISTEMPERS (Amongst cattle). An account of a muraine in Switzerland, and the method of its cure - <i>Wincker</i>	XIII 93	II 869
Further confirmation - <i>Slave</i>	— 94	— 870
— A dissertation concerning the dreadful contagious distemper seizing the black cattle in the Venetian territories, and especially about Padua - <i>Ramazzeni</i>	XXIX 46	V 183
A receipt for the above distemper	— 50	
— A brief account of the contagious disease which raged among the milch cows near London, 1714, and of the methods that were taken for suppressing it - <i>Bates</i>	XXX 872	— 48
— An account of the distemper raging among the cow-kind in the neighbourhood of London; together with some remarks proposed for their recovery - <i>Mortimer</i>	XLIII 532	XI 916
Further observations - <i>Mortimer</i>	— 549	— 917
— A third account of the distemper among the cows - <i>Mortimer</i>	XLIV 4	— 921
— Concerning the burying of cows, dead of the distemper, in lime or not - <i>Milner</i>	— 224	— 925
— A discourse of the usefulness of inoculation of the horned-cattle to prevent the contagious distemper among them - <i>Layard</i>	L 528	
— Letters relative to the distemper among the horned-cattle - <i>Layard</i>	LXX 536	
DISTILLING. A letter concerning a new contrivance of applying receivers to retorts in distillation - <i>Langrish</i>	XLIII 254	XI 1225
— An account of the great benefit of blowing showers of fresh air up through distilling liquors - <i>Hales</i>	XLIX 312	
— Experiments on applying the Rev. Dr. Hales' method of distilling salt-water to the steam-engine - <i>Fitzgerald</i>	L 53	
— Experiments on the distillation of acids, volatile alkalies, &c. shewing how they may be condensed without loss, and how thereby we may avoid noxious and disagreeable fumes <i>Woulfe</i>	LVII 517	
— See <i>Water</i> .		
DIVIDING. A letter touching the invention of divid-		

	Transf.	Abridg.
ing a foot into many thousand parts, for mathematical purposes <i>Townley</i>	II 457	I 218
More ways for the same purpose <i>Hook</i>	— 459	— 220
A description of an instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness <i>Anon.</i>	— 541	— 219
DIVING. A table shewing to what degree air is compressible in sea-water from the depth of one foot to 1947 feet; useful to divers <i>Anon.</i>	VI 2192	II 201
A supplement <i>Anon.</i>	— 2239	— 202
— The art of living under water: or, a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depths <i>Halley</i>	XXIX 492	IV 2 188
— A letter concerning an improvement of the diving-bell <i>Trivuldi</i>	XXXIX 377	VIII 634
DIVISIBILITY. Some theorems respecting the infinite divisibility of matter <i>Keill</i>	XXIX 82	IV 423
DIVISION. A letter gratulatory to M. Hevelius for his organographia, and particularly concerning divisions by diagonals <i>Wallis</i>	IX 243	
— Propositions selected from a paper on the division of right lines, surfaces and solids <i>Glenie</i>	LXVI 73	
DOG IN GENERAL. An account of an easier and safer way of transfusing blood, viz. by the veins only <i>King</i>	II 441	
— An experiment of bleeding a mangy into a sound dog <i>Coxe</i>	— 451	III 229
— Letter touching the transfusion of blood <i>Dennis</i>	— 453	—
— Of making a dog draw his breath like a broken-winded horse; with observations <i>Lower</i>	— 544	— 65
— Observations on the death of a dog on firing a volley of small shot <i>Clarke</i>	XIX 779	— 650
— An account of what happened on syringing warm water into the thorax of a bitch <i>Musgrave</i>	XX 181	— 78
— An account of the dissection of a dog who had mercury injected into one of the jugulars <i>Pitt</i>	— 184	— 234
— Letter concerning a polypus found in a dog <i>Musgrave</i>	XXII 690	— 85
— Observations on part of the intestine of a dog successfully cut away <i>Shipton</i>	XXIII 1299	V 275
— A letter giving an account of two women being poisoned by the simple-distilled water of laurel-leaves, and of several experiments upon dogs;		

	Transf.	Abridg.
by which it appears that this laurel-water is the most dangerous poison hitherto known		
— <i>Madden</i>	XXXVII 85	VI 2 374
Some experiments concerning the poisonous quality of the simple-distilled water from the <i>Lauro-cerasus</i> , or common laurel, made upon dogs at Topping Hall, Essex, 1731; and others made before the Royal Society in their repository		
— <i>Mortimer</i>	— 163	— — —
DOG (MAD). Relation of a man bitten with a mad dog, and dying of the disease called hydrophobia		
— <i>Lifter</i>	XIII 162	II 276
— A receipt to cure mad dogs, or men or beasts, bitten by mad dogs	<i>Gourdon</i> XVI 298	III 283
— An account of the diseases of dogs, and several receipts for the cure of their madness, and of those bitten by them; extracted from the papers of Sir T. Mayerne, by		
— <i>Sir Theodore de Vaux</i>	— 408	III 283
— On the venomous bite of a mad dog		
— <i>Anon.</i>	XVIII 24	— 281
— Letter concerning the cure of the bitings of mad creatures; with a remark on the same by Hans Sloane	<i>Dampier</i> XX 49	— 284
— An observation of two boys bit by a mad dog	<i>Lifter</i> — 247	
— Letter concerning the bitings of mad dogs, &c.	<i>De la Pryme</i> XXIII 1073	IV 2 218
— A letter containing some experiments made upon mad dogs with mercury	<i>James</i> XXXIX 244	IX 218
— Remarks on the cure of the bite of a mad dog	<i>Mortimer</i> — 313	— 221
— The case of a lad bitten by a mad dog	<i>Nourse</i> XL 5	— 222
— The effects of Dampier's powder in curing the bite of a mad dog	<i>Fuller</i> — 272	— 224
— Another case drawn up by <i>Hartley and Sandys</i>	— 274	— —
— Letter concerning the virtues of the star of the earth, coronopus, or buck's-horn plantain, in the cure of the bite of a mad dog		
— <i>Steward</i>	— 449	VIII 83
— Case of a person bit by a mad dog	<i>Peters</i> XLIII 257	
— An account of a horse bit by a mad dog	<i>Starr</i> XLVI 474	XI 913
— An account of an hydrophobia	<i>Wilbraham</i> XLVII 412	
DOG MERCURY. Part of a letter concerning the		

	Transf.	Abridg.
strange effects from the eating dog-mercury; with remarks thereon by Hans Sloane <i>Baxter</i>	XVII 875	II 640
DOVE (Mr.) An account of what appeared on the dissection of the body of Mr. Dove <i>Cowper</i>	XXVII 512	V 325
DOVER. Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais <i>Wallis</i>	XXII 967	IV 2 227
DRAGON-FLY. Some observations on the dragon-fly, or libella of Pennsylvania <i>Lartram</i>	XLVI 323	XI 845
DRAWING. A new way of orthographically delineating by parallel visual rays the postures and actions of an human body, exactly observing the symmetry and proportion of the parts		
— The principal properties of the engine for turning ovals in wood or metal, and of the instrument for drawing ovals upon paper demonstrated <i>Saint-Clare</i>	VIII 6079	I 599
DREAM. The case of Henry Axford, who recovered the use of his tongue, after having been four years dumb, by means of a frightful dream <i>Ludlam</i>	LXX 378	
DRILLS. Concerning the magnetism of drills <i>Squire</i>	XLV 148	XI 958
DRINK. An account of a woman in the shire of Ross, living without food or drink <i>Ballard</i>	XX 417	
DROPSY. An account of a notable case of a dropsy, mistaken for gravitation in a young woman; enlarging the observations of the same case by Dr. Tulpius <i>Mackenfic</i>	LXVII 1	
— Anatomical observations in the body of a woman about 50 years of age, who died hydro-pical in her left testicle <i>Anon.</i>	IX 131	III 139
— An account of an uncommon case of a dropsy between the coats of the womb <i>Sampson</i>	XII 1000	— 206
— An anatomical account of some remarkable things found on the dissection of a woman, who died of a dropsy, after the paracentesis was performed; with a small reflection on the causes of the dropsy <i>Anon.</i>	XVIII 20	— 205
— A relation of a strange symptom attending a hydrops pectoris, and the reason of it, as it appeared on the dissection of the body <i>Preston</i>	XIX 330	— 141
— An observation concerning a very odd kind of dropsy, or swelling in one of the ovaries of a woman <i>Doudy</i>	— 390	— 77
	XXI 150	— 207
		— . An

	Transf.	Abridg.
— An account of a dropfical body diftected by — — — — — <i>Lafage</i>	XXIV 1977	V 291
— An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera <i>Douglas</i>	XXV 2317	— 294
— A relation of an hydropical cafe, in which the gall-bladder was diftended to an unufual big- nefs — — — — — <i>Tonge</i>	XXVII 426	— 292
— An account of a dropfy in the left ovary of a woman, aged 58, cured by a large incifion made in the fide of the abdomen <i>Houftoun</i>	XXXIII 8	VII 541
— A remarkable cafe of a gentlewoman who died of an hydrops ovarii in the 33d year of her age, after having been tapped 57 times <i>Belchier</i>	XXXVII 279	— 544
— The cafe of Mr. Cox, furgeon, of Peterbo- rough, who fell into a peftilential fever, upon tapping a corpe lately dead of an hydropfy — — — — — <i>Cox</i>	XLI 168 XLII 223	IX 212 — 150
— The cafe of an extraordinary dropfy <i>Short</i>		
— An improvement on the practice of tapping, whereby that operation, inftead of a relief for fymptoms, becomes an abfolute cure for an afcites; exemplified in the cafe of Jane Ro- man — — — — — <i>Warrick</i>	XLIII 12	XI 1030
— A method of conveying liquors into the abdo- men during the operation of tapping <i>Hales</i>	— 20	
— Further accounts of the fuccels of injecting me- dicated liquors into the abdomen, in the cafe of an afcites — — — — — <i>Warren</i>	— 47	
— Account of an uncommon dropfy from the want of a kidney; and a large faccus that contained the water — — — — — <i>Glaft</i>	XLIV 337	— 1027
— An account of fome cafes of dropfies cured by sweet oil — — — — — <i>Oliver</i>	XLIX 46	
— An account of a fuccelsful operation for the hy- drops pectoris — — — — — <i>Moreland</i>	LVI 302	
— An account of an extraordinary dropfical cafe — — — — — <i>Latham</i>	LXIX 54	
DROPSY. See <i>Hydrocephalus</i> . See <i>Injections</i> .		
DROWNING. A comparifon of the times wherein ani- mals may be killed by drowning, or with draw- ing the air — — — — — <i>Boyle</i>		
— Relation of a girl three years old, who remain- ed a quarter of an hour under water without drowning — — — — — <i>Green</i>	V 2028 XLI 166	II 490 IX 241
— Propofals for the recovery of people apparently drowned — — — — — <i>John Hunter</i>	LXVI 412	

	Transl.	Abriég.
DRUGS. An account of part of a collection of curious plants and drugs lately given to the Royal Society by the East India Company; with their names, virtues, and descriptions <i>Sloane</i>	XXII 759	II 752
First book of East India plants by S. Brown; with some remarks by <i>J. Petiver</i>	— 581	— —
Second book, with remarks, by <i>J. Petiver</i>	— 695	— —
Third book, with remarks, by <i>J. Petiver</i>	— 843	IV 2 325
Fourth book, with remarks, by <i>J. Petiver</i>	— 9 2	V 183
Fifth book, with remarks, by <i>J. Petiver</i>	— 1007	IV 2 325
Sixth book, with remarks, by <i>J. Petiver</i>	XXIII 1055	— — —
Seventh book, with remarks, by <i>J. Petiver</i>	— 1251	— — —
Eighth book, with remarks, by <i>J. Petiver</i>	— 1450	— — —
— Observations on the class of sweet tastes, made by comparing the tastes of sweet plants with Mr. L'Emery's chymical analysis of them in his treatise of drugs <i>Floyer</i>	— 1160	V 406
DRYNESS. Observations on the annual evaporation at Liverpool, in Lancashire, and on evaporation, considered as a test of the moisture or dryness of the atmosphere <i>Dobson</i>	LXVII 244	— — —
DUBLIN. An account of the houses and hearths in Dublin, in 1695 and 1696 <i>Anon.</i>	XXII 518	III 665
DUCKS. Observations made about the lasting of ducks, included in the exhausted receiver <i>Boyle</i>	V 2011	II 215
DUCKWEED. A letter concerning animalcula on the roots of duckweed, &c. <i>Leeuwenhoek</i>	XXIV 1784	V 2 267
— A letter concerning some further microscopical observations on the animalcula found upon duckweed <i>Leeuwenhoek</i>	XXVIII 160	— — —
DUCTS. A new discovery of the communication of the ductus thoracicus with the emulgent vein <i>Pecquet</i>	II 461	III 258
— A letter concerning the jaundice; occasioned by a stone obstructing the ductus communis biliaris, which was afterwards voided by stool <i>Musgrave</i>	XXV 2233	V 279
— Annotations upon a discovery pretended to have been made by M. Pecquet, of a communication between the ductus thoracicus and the inferior vena cava <i>Neesbarn</i>	VII 5007	III 259
— Observations on the salival duct <i>Bartholini</i>	XIV 749	— 58
— An account of two glands, and their excretory ducts, lately discovered in human bodies <i>Cowper</i>	XXI 364	— 194
—		— An

	Tran	Abridg.
— An account of an excretory duct from the glandula renalis - <i>Valsa'va</i>	XXXIII 190	VII 540
— An enquiry into a discovery said to have been made by Signor Valsalva, of an excretory duct from the glandula renalis to the epididymis - <i>Ranby</i>	— 270	— 541
— Account of an ossification of the thoracic duct - <i>Cheston</i>	LXX 323	
Continuation of the case of James Jones <i>Cheston</i>	— 578	
DUDLEY FOSSIL. Letter concerning a non-descript petrified insect - <i>Lyttleton</i>	XLVI 598	X 656
Further account of the before-mentioned Dudley fossil - <i>Pacocks</i>	— 000	— —
A letter concerning the fossil found at Dudley, in Staffordshire - <i>Da Costa</i>	XLVIII 286	
DULWICH. An account of a new purging spring discovered at Dulwich in Surrey <i>Martyn</i>	XLI 835	VIII 653
DUMB. See <i>Deaf</i> .		
DUNBAR. An account of a production of nature at Dunbar in Scotland, like that of the Giants Causeway in Ireland <i>Bishop of Ossory</i>	LII 98	
DUNMORE PARK. A letter containing an account of the cavern in Dunmore Park, near Kilkenny in Ireland - <i>Walker</i>	LXIII 16	
DURA MATER. An anatomical experiment made to discover the true cause of the motion of the dura mater - <i>Ridley</i>	XXIII 1480	V 201
DURHAM. See <i>Antiquities, Inscription</i> .		
DUST. An account of an earthquake felt at Glasgow and Dumbarton Dec. 30, 1755; also of a shower of dust falling on a ship between Shetland and Iceland <i>Woyte</i>	XLIX 509	
DWARF. An account of a dwarf; together with a comparison of its dimensions with those of a child under four years of age <i>Baker</i>	XLVI 467	XI 1207
— Letter concerning a dwarf <i>Browning</i>	XLVII 278	
DYAL. Account of F. Lynus's dyals at Liege <i>Ellis</i>	XXIII 1416	V 2 134
— An instrument for seeing the sun, moon, and stars, pass the meridian of any place: useful for setting watches in all parts of the world with the greatest exactness; to correct sundyals, and to assist in the discovery of the longitude of places - <i>Derham</i>	XXIV 1578	IV 464
— A new method of constructing sun-dyals for any given latitude, without the assistance of dialling-scales or logarithmic calculations <i>Ferguson</i>	LVII 389	
DYING. See <i>Colours</i> .		

	Transf.	Abridg.
DYNAMICS. Principia dynamica five principia mechanices metaphysica - <i>Jurin</i>	XLIV 103	X 183
DYSENTERY. Extract of a letter containing some remarks upon the dysentery in 1762 <i>W. Watfon</i>	LII 646	
E		
EAGLES. Letter on the Roman eagles <i>Mufgrave</i>	XX 145	
EAR. Letter concerning the organ of hearing <i>Vieuffens</i>	XXI 370	III 43
— Part of a letter concerning some things observable in the anatomy of a human ear <i>Adams</i>	XXV 2414	V 206
— A description of the organ of hearing in the elephant, with the figures and fituation of the offices, labyrinth, and cochlea, in the ear of that animal - <i>Blair</i>	XXX 885	— 82
— A description of some instruments for the ears <i>Cleland</i>	XLI 847	IX 124
— Account of one who had no ear to music naturally, finging several tunes when in a delirium - <i>Dedridge</i>	XLIV 596	XI 1084
— An account of the case of a boy who had the malleus of each ear, and one of the incus's, dropt out - <i>Morant</i>	LII 264	
EARTH (AGRICULTURE). Advertisements occasioned by the remarks printed in No. XIV. upon frosts in some parts of Scotland, differing in their anniversary seasons and force from our ordinary frosts in England: of black winds and tempests, of the warm and fertilizing temperature and streams of the earth, stones, rocks, springs, waters (some in some places more than others in other places), of petrifying and metallizing waters; with some hints for the horticulture of Scotland - <i>Beal</i>	X 337	
EARTH. Speculations of the changes likely to be discovered in the earth and moon by their respective inhabitants - <i>Auzout</i>	I 120	I 198
— Instance to Mr. Hook for communicating a contrivance of making, with a glass of a sphere of 20 or 40 feet diameter, a telescope drawing several hundred feet; and his offer of recompensing that secret with another, teaching to measure with a telescope the distances of objects from the earth - <i>Auzout</i>	— 122	
— Of the correspondency to be procured for the finding out the true distance of the sun and moon from the earth, by the parallax observed under or near the same meridian <i>Oldenburg</i>	— 151	— 500

	Transf.	Abridg.
— An account of a controversy between Stephano de Angelis of Padua and J. B. Riccioli, concerning the motion of the earth <i>Gregory</i>	III 693	
— Extract of a letter touching Hugen's thoughts of Mr. Hooke's observations for proving the motion of the earth <i>Hugen</i>	IX 90	
— Extract of a letter on the said subject <i>Cassini</i>	— —	
— A breviate of Mr. Picart's account of the measure of the earth <i>Oldenburg</i>	X 261	— 587
— An account of the cause of the change of the variation of the magnetical needle; with an hypothesis of the structure of the internal parts of the earth <i>Halley</i>	XVII 563	II 615
— A dissertation concerning the figure of the earth <i>Desaguliers</i>	XXXIII 201	VI 2 250
— The dissertation concerning the figure of the earth continued <i>Desaguliers</i>	— 239	
— A dissertation concerning the figure of the earth, part II. <i>Desaguliers</i>	— 277	VI 384
— An experiment to illustrate what has been said concerning the figure of the earth <i>Desaguliers</i>	— 344	— 400
— A physical history of the earth and air for the year 1732 <i>Cyrrillus</i>	XXXVIII 184	VIII 625
— Of the figure of the earth, and the variation of gravity on the surface <i>Stirling</i>	XXXIX 98	— 324
— Observations on an eclipse of the earth, May 3, 1734 <i>De Revillas</i>	— 294	— 138
— Investigations to prove, that the figure of the earth nearly approaches to an ellipse, according to the laws of attraction in an inverse ratio of the square of the distances. <i>Clairaut</i>	XL 19	— 329
— A proposal for the measurement of the earth in Russia; read at a meeting of the Academy of Sciences of St. Petersburg, Jan. 21, 1737, by <i>Mr. Jos. Nic. de l'Isle</i>	— 27	— 339
— Letter containing the actual mensuration of the basis <i>De l'Isle</i>	— 50	— 351
— An account of a machine to represent eclipses of the earth <i>Segner</i>	XLI 721	X 157
— A new and particular method of calculating eclipses of the earth; and of any appulses of the moon to planets and fixed stars <i>Gershen</i>	XLIII 22	
— The motion of projectiles near the earth's surface, considered independent of the properties of the conic sections <i>Simpsen</i>	XLV 137	— 196
— Some observations on Norwood's measure of the figure of the earth <i>De la Lande</i>	LII 369	

	Transf.	Abridg.
— An account of the calculations made from the survey and measures taken at Sehehallien, in order to ascertain the mean density of the earth Hutton	LXVIII 689	
EARTH (Natural philosophy). The description of a well and earth in Lancashire taking fire by a candle approached to it Shirley	II 482	III 149
— An account of a strange kind of earth taken up near Smyrna, of which is made soap; together with the way of making it Smith	XIX 228	II 457
— An account of a very odd eruption of fire out of a spot of earth near Fierenzola in Italy St. Clair	XX 378	— 385
— A description of the several strata of earths, stone, coals, &c. found in a coal-pit at the west end of Dudley, Staffordshire: to which is added, a table of the specifick gravity of each stratum Festplace and Hawkshoe	XXVII 541	IV 2 182
— A letter giving an account of a very uncommon sinking of the earth, near Folkestone in Kent Sacchetti	XXIX 469	— 2 248
— An account of the several strata of earths and fossils found in sinking the mineral wells at Holt Lewis	XXXV 489	VI 2 225
— An extract of a philosophical account of a new opinion concerning the origin of petrifications found in the earth, which has hitherto been ascribed to the universal deluge Ehrhart	XLIV 163	X 615
— An account of an uncommon phenomenon in Dorsetshire, of flame arising out of the earth Stephens	LII 119	
EARTH (MEDICINE). An observation of the immoderate and fatal use of crab-stones, and such like absorbent earths, from whence have proceeded stones in the stomach and kidneys Breynius	XLI 557	IX 171
EARTHEN-WARE. A method of making a gold-coloured glazing for earthen-ware Hinsius	XLII 188	IX 499
EARTHQUAKES (Nature and causes). Of the nature of earthquakes; more particularly of the origin of the matter of them, from the pyrites alone Lifter	XIV 512	II 420
— On the causes of earthquakes Stukeley	XLVI 641	
Continued Stukeley	— 657	X 529
— Some considerations on the causes of earthquakes Hales	— 669	— 535
— Conjectures concerning the cause and observations upon the phenomena of earthquakes Mitchell	L 566	

	Transf.	Abridg.
— The philosophy of earthquakes <i>Stukely</i>	XLVI 731	X 541
EARTHQUAKE (Particular). A relation concerning the earthquake near Oxford, Jan. 19, 1665 <i>Wallis</i>	I 166	II 395
A confirmation of the former account, and the concomitants thereof — <i>Boyle</i>	— 179	— —
— An account of the earthquake at Oxford, and the parts adjacent, Sept. 17, 1683 <i>Pigot</i>	XIII 311	— 396,400
— A letter with an account of the late earthquake in Sicily — <i>Hartop</i>	XVII 827	— —
Another account from an Italian paper of — <i>P. Ales Burgos</i>	— 830	— 401
— An account of the earthquakes in Sicilia on Jan. 9 and 11, 1692-3 — <i>Bonajutus</i>	XVIII 2	— 406
— A letter with an account of the earthquakes in Peru, Oct. 20, 1687; and at Jamaica, Feb. 19, 1687-8, and June 7, 1692 <i>Sloane</i>	— 78	— —
— An account of the earthquake at Lima, Oct. 20, 1687 — <i>Abuarez de Toledo</i>	— 81	— 410
— A relation of the bad condition of the mountains about the Tungarouse, and Batavian Rivers having their source from thence, occasioned by the earthquake between the 4th and 5th of Jan. 1699: drawn up from the account given by Tommagon Porbo Nata (who hath been there) — <i>Tommagon</i>	XXII 595	— 419
— Part of two letters concerning an earthquake, which happened in some places of the north of England Dec. 28, 1703 — <i>Thoresby</i>	XXIV 1555	IV 2 210
— A letter concerning a shock of an earthquake felt in the neighbourhood of Sutton, near Dartford in Kent, August 1727 <i>Barrel</i>	XXXV 305	VI 2 200
— Part of a letter giving an account of the late earthquake at Boston in New England, Oct. 29, 1727 — <i>Colman</i>	XXXVI 124	— 201
— The history of the earthquake felt at Apulia, and almost all the kingdom of Naples, 1731 — <i>Cyrrillus</i>	XXXVIII 79	VIII 682
— A letter containing an account of an earthquake at Annapolis in Maryland, Sept. 5, 1725 <i>Lewis</i>	— 119	— 685
— An account of the several earthquakes which have happened in New England since the first settlement of the English in that country, especially of the last, which happened in Oct. 29, 1727 — <i>Dudley</i>	XXXIX 63	— —
— An account of a shock of an earthquake felt in Suffex Oct. 25, 1734 <i>Duke of Richmond</i>	— 361	— 690
Another account at Havant <i>Bayley</i>	— 362	— —
		— Ac-

	Transf.	Abridg.
— Account of an earthquake in Northamptonshire, October 1731 <i>Waffe</i>	XXXIX 361, 367	VIII 692
— Account of an earthquake at Naples <i>Temple</i>	XLI 340	— 684
— An account of an earthquake at Scarborough <i>Johnson</i>	— 804	IX 502
— A journal of the shocks of earthquakes felt in New England, from the year 1727 to the year 1741 <i>Plant</i>	XLII 33	VIII 693
— Account of the earthquakes felt at Leghorn Jan. 1742; with some observations <i>Padini</i>	— 77	— 697
— A letter concerning the earthquake at Taunton <i>Foster</i>	XLV 398	X 488
— Account of an earthquake Feb. 8, 1749-50, felt at London <i>Baker</i>	XLVI 601	— 489
— — — — — <i>Knight</i>	— 603	— 490
At Eltham <i>Freeman</i>	— 605	— 491
Tooting <i>Miles</i>	— 607	— 492
Chelsea <i>Martyn</i>	— 609	— 493
Harwich <i>Trembley</i>	— 610	— 493
Danbury in Essex <i>Lethieullier</i>	— 611	— 478
Plymouth <i>Barlow</i>	— 692	
— — — — — <i>Vanbrugh</i>	— 693	
— — — — — <i>Slade</i>	— 694	
— An account of an earthquake March 8, 1749-50, at London <i>Folkes</i>	— 613	— 494, 495
— — — — — <i>Birch</i>	— 615	— 496
— — — — — <i>Baker</i>	— 617	— —
Tooting <i>Miles</i>	— 619	
Kensington Gravel Pitts <i>Clare</i>	— 620	— 497
London <i>Layard</i>	— 621	— —
London <i>Pickering</i>	— 622	— 498
As seen in the Inner Temple garden by Robert Shaw <i>Barrow</i>	— 626	— 499
A more full account from Tooting <i>Miles</i>	— 628	— 500
Chelsea <i>Martyn</i>	— 630	— 501
London <i>Ruffel</i>	— 631	— —
London <i>Parsons</i>	— 633	— 502
Southwark <i>Barrow</i>	— 637	— 503
London <i>Mortimer</i>	— 638	— 504
Addition to his former accounts from Tooting — — — — — <i>Miles</i>	— 639	— —
London <i>Cooper</i>	— 647	— 505
Kensington; given by Tho. Burrat <i>Folkes</i>	— 681	
Account of the roof of a pot-house at Lam- beth being thrown down by the earthquake — — — — — <i>Jackson</i>	— 700	— 507

		Transf.	Abridg.
— Account of an earthquake March 18 and 19, 1749-50, at Portsmouth	<i>Oakes</i>	XLVI 646	X 507
— Another account from Portsmouth	<i>Anon.</i>	— 647	— 505
— Portsmouth	<i>Taylor</i>	— 649	— 507
— Isle of Wight	<i>Cook</i>	— 651	— 508
— Southampton	<i>Anon.</i>	— 652	— 508
— Hackney	<i>Newcome</i>	— 653	—
— East Sheen	<i>Burrow</i>	— 655	— 509
— Bridgeport	<i>Dowse</i>	— 658	—
— Account of an earthquake felt at Chester Apr. 2, 1750	<i>Anon.</i>	— 683	— 510
— Flintshire	<i>Pennant</i>	— 687	— 511
— Warrington, Lancashire	<i>Sedden</i>	— 695	—
— Account of an earthquake felt Mar. 14, 1749-50, at East Molesey	<i>Bowman</i>	— 684	— 509
— An account of an earthquake felt May 4, 1749, at Wenbourn in Dorsetshire	<i>Baker</i>	— 689	— 512
— An account of an earthquake felt July 1, 1747, at Taunton in Somersetshire	<i>Baker</i>	—	—
— An account of an earthquake felt Oct. 11, 1749, in France	<i>Reaumur</i>	— 691	— 526
— Letter concerning earthquakes at Smyrna	<i>Mackenzie</i>	— 700	—
— Letter concerning the shock of an earthquake felt at Newton in Northamptonshire Sept. 30, 1750	<i>Folkes</i>	— 701	— 514
— St. Edmund's Bury, Suffolk	<i>Burrow</i>	— 702	—
— Narborough, Leicestershire	<i>Burrow</i>	—	—
— Northamptonshire	<i>Nixon and Cave</i>	— 705	— 515
— Further particulars	<i>Nixon</i>	— 710	— 516
—	<i>Dodderidge</i>	— 712	— 517
— Dean	<i>Anon.</i>	— 723	— 523
— Tooting	<i>Miles</i>	— 726	—
— Peterborough	<i>Smith</i>	— 727	— 524
— An account of an earthquake felt Aug. 23, 1750, at Spalding in Lincolnshire	<i>Johnson</i>	— 725	—
— Ditto	<i>Green</i>	—	—
— An account of an earthquake felt at York Apr. 19, 1754	<i>Baker</i>	XLVIII 564	—
— Account of an earthquake at Constantinople Sept. 16, 1754	<i>Mackenzie</i>	— 819	—
— An account of several earthquakes lately felt at Constantinople May 15, 1755	<i>Porter</i>	XLIX 115	—
— An account of an earthquake Nov. 1, 1755, as felt in the lead-mines in Derbyshire	<i>Bullock</i>	— 398	—

	Transf.	Abridg.
An account of the earthquake at Lisbon Nov. 1, 1755	<i>Wolfe</i> XLIX 402	
- - -	<i>Sacchetti</i> — 409	
Zufqueira - - -	<i>Latham</i> — 411	
Colares (20 miles from Lisbon)	<i>Stoqueler</i> — 413	
Oporto - - -	<i>Henkel</i> — 418	
Ditto - - -	<i>Plummer</i> — 419	
Ditto - - -	<i>Knowler</i> — 421	
Ditto - - -	<i>Muysson</i> — 422	
Madrid - - -	<i>Anon.</i> — 423	
Cadiz - - -	<i>Bewick</i> — 424	
Ditto - - -	<i>Ulloa</i> — 427	
Barbary - - -	<i>Fowke</i> — 428	
Madeira - - -	<i>Heberden</i> — 432	
Ditto - - -	<i>Chambers</i> — 435	
Neufchâtel in Switzerland	<i>De Valtravers</i> — 436	
Geneva, Nov. 9 - - -	<i>Trembley</i> — 438	
Boston in New England, Nov. 18	<i>Anon.</i> — 439	
New York, Nov. 18 - - -	<i>Colden</i> — 433	
Pennsylvania, Nov. 18 - - -	<i>Anon.</i> — 444	
An extraordinary and surprising agitation of the waters, though without any perceptible motion of the earth, having been observed in various parts of this island, both maritime and inland, on the same day, and chiefly about the time that the more violent commotions of both earth and waters so very extensively affected many very distant parts of the globe, the following accounts relating to the former have been transmitted to the Society; in which are specified the times and places when and where they happened		
Portsmouth - - -	<i>Robertson</i> — 351	
Suffex and Surrey - - -	<i>Webb</i> — 353	
Guildford - - -	<i>Adee</i> — 357	
Petworth - - -	<i>Hodgson</i> — 358	
Cranbrook - - -	<i>Tempest</i> — 360	
Chevening - - -	<i>Pringle</i> — —	
Rotherhith - - -	<i>Mills</i> — 361	
Peerless Pool, London - - -	<i>Birch</i> — 362	
Rochford in Essex - - -	<i>Thomlinson</i> — 364	
Reading - - -	<i>Philips</i> — 365	
Ditto - - -	<i>Blair</i> — 367	
Shirburn Castle, Oxfordshire	<i>Lord Parker</i> — 368	
Devonshire, Cornwall, Plymouth, Mountbay, Penzance, &c. - - -	<i>Huxham</i> — 371	
Mountbay - - -	<i>Borlace</i> — 373	

		Trans.	Abridg.
Swansey	- - Blair	— 379	
Norwich	- - Arderon	— 380	
Yarmouth	- - Barber	—	
Hawkehead in Cumberland	Harrison	— 381	
Durham	- - Cowper	— 385	
Edinburgh	- - Stevenson	— 387	
Lufs in Scotland	- - Colquhoun	— 389	
Kinfale	- - Nicola	— 393	
Toplitz in Bohemia	- - Steplin	— 395	
Hague	- - De Hondt	— 396	
Leyden	- - Allamand	— 397	
— Extrañt of a letter concerning the earthquakes at Manilla, 1750	- - P, e	— 459	
— An account of the earthquake felt at Glasgow Dec. 30, 1755, and Dumbarton; also of a shower of duſt falling on a ſhip between Shetland and Iceland	- - Whytt	— 509	
— Extrañt of a letter concerning the earthquake on the 14th of November 1755, in Valais in Swiſſerland	- - Trembley	— 511	
— Extrañt of a letter concerning the earthquake felt at Leyden, Leige, Maeſtricht, Nimeguen, Arnheim, &c. Dec. 26, 1755	Allamand	— 512	
— An extrañt of a letter concerning an earthquake at the Hague, on Wednesday the 18th of February 1756	- - Groveſtins	— 544	
— An account of an earthquake felt in Holland Feb. 18, 1756	- - Allamand	— 545	
— An account of the earthquakes felt at Bruſſels Dec. 26, 27, and Feb. 18, 1756	Pringle	— 546	
— An account of the agitation of the waters on the 1ſt of November 1756, in Scotland and Hamburgh	- - Pringle	— 550	
— Account of the earthquake felt Feb. 18, along the coaſt of England, between Margate and Dover	- - Warren	— 579	
— Extrañt of a letter concerning the earthquakes felt at Turin Dec. 9, 1755, and March 8, 1756	- - Donati	— 612	
— An account of a continued ſucceſſion of earthquakes at Brigue in Valais	- - Rector of the College of Jeſuits	— 616	
— Extrañt of a letter relating to the agitation of the waters obſerved at Dartmouth Nov. 1, 1755	- - Fieldſworth	— 643	
— An account of the late earthquakes felt at Maeſ-			

	Transl.	Abridg.
richt, from Feb. 18, to the beginning of April 1756 - - - <i>Vernede</i>	XLIX 663	
— An account of the agitation of the sea at Antigua Nov. 1, 1755 - - - <i>Affleck</i>	— 668	
— An account of the extraordinary agitation of the waters in several ponds in Hertfordshire Nov. 1. 1755 - - - <i>Rutherford</i>	— 684	
— An account of an earthquake felt at Colen, Leige, Maefricht, &c. on the 19th of Nov. 1756 - - - <i>Trembley</i>	— 893	
— An account of the earthquake felt in New England, and the neighbouring parts of America Nov. 18, 1755 - - - <i>Winthrop</i>	L 1	
— Extract of a letter mentioning a slight shock of an earthquake Aug. 13, 1756, at Turin, and another Nov. 9, 1756, at Genoa <i>Trembley</i>	— 58	
— An account of an earthquake in Cornwall July 15, 1757 - - - <i>Huxham</i>	— 429	
— An account of an earthquake felt in the island of Sumatra in the East Indies, in Nov. and Dec. 1756 - - - <i>Perry</i>	— 491	
— An account of the earthquake in the west parts of Cornwall July 15, 1757 - - - <i>Borlace</i>	— 499	
— An account of an earthquake felt at Lingfield in Surrey, and Eden Bridge in Kent, Jan. 24, 1758 - - - <i>Burrow</i>	— 614	
— Observations upon a slight earthquake, though very particular, which may lead to the knowledge of the cause of great and violent ones - - - <i>Peyssonel</i>	— 645	
— An account of the late earthquakes in Syria - - - <i>Russell</i>	LI 529	
— Conjectures concerning the cause, and observations upon the phenomena of earthquakes, particularly that of Nov. 1, 1755 <i>Michell</i>	— 566	
— An account of an earthquake at Lisbon May 31, 1761 - - - <i>Anon.</i>	LII 141	
— Another account of the earthquake at Lisbon May 31, 1761 - - - <i>Molloy</i>	— 142	
— An account of the earthquake felt in the island of Madeira Mar. 31, 1761 <i>Thomas Heberden</i>	— 155	
— An account of an earthquake in Siberia Nov. 28, 1761 - - - <i>Weymarn</i>	LIII 201	
— An account of an earthquake Apr. 2, 1762, at Chabrigaon : translated from the Persian <i>Gulston</i>	— 252	
— Another account from Calcutta <i>Hir</i>	— 256	
— Another account from Chattigong <i>Gulston</i>	— 263	

— Another

	Transf.	Abridg.
— Another account of several from Apr. 2 to 19, 1762, in the province of Islamabad, with the damages attending them: translated from the Persian - - <i>Verelst</i>	LIII 265	
— An account of an earthquake felt at Lisbon Dec. 26, 1764 - - <i>Anan.</i>	LV 43	
— Abstract of a letter containing an account of an earthquake at Macao Nov. 23, 1767 <i>De Visne</i>	LIX 71	
— An account of the earthquake which was felt at Manchester and other places, on Sept. 14, 1777 - - <i>Henry</i>	LXVIII 221	
EAST BURN. See <i>Antiquities</i> .		
EASTER. Letter concerning the observation of Easter on April 24, 1698 - - <i>Wallis</i>	XX 185	III 402
— A calculation for finding Easter <i>Thoresby</i>	XXIV 1901	V 2 27
— An explanation of the rule for finding Easter - - - <i>Jackman</i>	— 2123	— - -
EAST INDIES. A narrative of some observations made upon several voyages, to find a way for sailing about the North to the East Indies, and for returning the same way from hence hither; together with instructions given by the Dutch East India Company for the discovery of Jessō, near Japan: to which is added, a relation of sailing through the Northern America to the East Indies - - <i>Van Nierop</i>	IX 197	
— Part of a letter from Fort St. George in the East Indies, giving an account of the long worm, which is troublesome to the inhabitants of those parts - - <i>Lister</i>	XIX 417	III 138
— Account of some animals sent from the East Indies, with remarks by J. Petiver <i>Brown</i>	XXII 859	
— A description of a bird from the East Indies - - <i>Edwards</i>	LXI 55	
— The process of making ice in the East Indies - - <i>Sir Robert Barker</i>	LXV 252	
— Journal of a voyage to the East Indies, in the ship Grenville, in the year 1775, captain Burnet Abercrombie - - <i>Dalrymple</i>	LXVIII 389	
EATON. See <i>Stiptick</i> .		
ECCHOES. A letter concerning some extraordinary ecchoes - - <i>Southwell</i>	XLIV 219	X 246
ECHINITES. A description of a curious echinites - - <i>Baker</i>	— 432	— 634
— A letter concerning two beautiful echinites - - <i>Da Costa</i>	XLVI 143	— 635
ECHINUS. Remarks upon a petrified echinus of a		singular

	Transf.	Abridg.
singular kind, found on Bunnan's Land, in the parish of Bovington in Hertfordshire, which is a clay, and supposed to have been brought with the chalk dug out of a pit in the field - - - <i>Parsons</i>	XLIX 155	
— An account of a remarkable echinus <i>Brander</i>	— 295	
ECLIPSES. A method for observing the eclipses of the moon free from the common inconveniencies - - - <i>Rook</i>	I 388	I 300
— Observations on an eclipse of the earth May 3, 1734 - - - <i>De Revillas</i>	XXXIX 294	VIII 138
— An account of a machine to represent eclipses of the earth (Lat.) - - - <i>Segner</i>	XLI 781	— 157
— A new and particular method of calculating eclipses of the earth; and of any appulses of the moon to planets and fixed stars <i>Gersten</i>	XLIII 22	
— Letter concerning the year of the eclipse foretold by Thales - - - <i>Costard</i>	XLVIII 17	
— Letter concerning the eclipse mentioned by Xenophon - - - <i>Costard</i>	— 155	
— An account of the eclipse predicted by Thales - - - <i>Srukeley</i>	— 221	
— Kepler's method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude; as also to the assigning the moon's correspondent apparent diameter; together with a concise application of this form of calculation to those eclipses - - - <i>Pemberton</i>	LXI 437	
ECLIPSES OF THE SUN AND MOON. See <i>Sun, Moon</i> .		
ECLIPTIC. Some more accurate observations about Jupiter's transits near fixed stars; useful for determining the inclination of that planet to the ecliptique - - - <i>Flamsteed</i>	VIII 6033	I 401
— An account shewing, that the latitude of Nurenburg has continued without sensible alteration for 200 years last past; as likewise the obliquity of the ecliptick, by comparing them with what was observed by B. Walther in 1487 - - - <i>Wurtzlbaur</i>	XVI 403	— 262
— A proposal to make the poles of a globe of the heavens move in a circle round the poles of the ecliptic - - - <i>Latham</i>	XL 201	VIII 217
— A contrivance to make the poles of the diurnal motion, in a celestial globe, pass round the poles of the ecliptic - - - <i>Senex</i>	— 203	— —

	Transf.	Abridg.
— A treatise on the precession of the equinoxes, and in general on the motion of the nodes, and the alteration of the inclination of the orbit of a planet to the ecliptic <i>Silvabelle</i>	XLVIII 385	
— An enquiry into the quantity and direction of the proper motion of Arcturus; with some remarks on the diminution of the obliquity of the ecliptic <i>Hornby</i>	LXIII 93	
EDEN. An account of a remarkable decrease of the river Eden in Cumberland Dec. 28, 1762 <i>Milbourne</i>	LIII 7	
EDINBURGH. A comparison of the heat of London and Edinburgh <i>Roebuck</i>	LXV 459	
EDWARDS. An account of what appeared most remarkable on opening the body of Anne Edwards, who died Jan. 5, 1729-30, having a large umbilical rupture <i>Ranby</i>	XXXVII 221	VII 516
EELS. Method of taking eels in frosty weather <i>Anon.</i>	I 323	II 831
— An abstract of a letter concerning the scales of eels <i>Leeuwenhoek</i>	XV 883	III 684
— Microscopical observations on eels, mites, the seeds of figs, strawberries, &c. <i>Leeuwenhoek</i>	XIX 269	— 685
— Of the manner of generation of eels <i>Allen</i>	— 664	II 837
— An account of a very large eel lately caught at Malden in Essex; with some considerations about the generation of eels <i>Du</i>	XX 90	— —
— Manner of observing the circulation of blood in an eel <i>Leeuwenhoek</i>	XXVI 444	V 2 388
— Observations on the mouths of the eels in vinegar, and also a strange aquatic animal <i>Baker</i>	XLII 416	IX 38
— A letter concerning the minute eels in paste being viviparous <i>Sherwood</i>	XLIV 67	XI 799
— Abstract of a letter concerning the peculiar aspect of eels <i>Arderon</i>	— 395	— 874
EFFERVESCENCE. A memoir on the lacrymæ batavica, or glass drops, the tempering of steel, and effervescence, accounted for by the same principle <i>Le Cat</i>	XLVI 175	X 560
— The strange effects of some effervescent mixtures <i>Mourley</i>	L 19	
EFFLUVIA. Several experiments shewing the strange effects of the effluvia of glass, produceable on the motion and attrition of it <i>Hauksbee</i>	XXV 2372	IV 2 180
— An account of the repetition of an experiment touching motion given bodies, included in a glass by the approach of a finger		

	Transf.	Abridg.
near its outside; with other experiments on the effluvia of glass - <i>Haukbee</i>	XXVI 82	V 2 181
— A letter of weighing the strength of electrical effluvia - <i>Elicot</i>	XLIV 96	X 324
— Experiments upon air, and the effects of different kinds of effluvia upon it <i>White</i>	LXVIII 194	
— Account of the manner in which the Russians treat persons affected with the fumes of burning charcoal, and other effluvia of the same nature - <i>Guthrie</i>	LXIX 325	
EFT. Some remarks concerning the circulation of the blood, as seen in the tail of a water-eft through a solar microscope - <i>Miles</i>	XLI 725	IX 69
— A letter concerning the property of water-ests, in slipping off their skins as serpents do <i>Baker</i>	XLIV 529	XI 857
EGGS. An account of an insect feeding upon herbane, the horrid smell of which is in that creature so qualified thereby as to become in some measure aromatic; together with the colour yielded by the eggs of the same <i>Lifter</i>	VI 2176	II 783
— An account of what hath been of late observed of eggs to be found in all sorts of females - <i>Kirkringius</i>	VII 4018	I 251,440
— Account of a small egg found within an ordinary one - <i>De Vallemont</i>	XIX 632	II 904
EGYPT. Inquiries to be made in Egypt <i>Henshaw</i>	II 470	III 632
— A narrative of some observations lately made by certain missionaries in the Upper Egypt <i>Anon.</i>	VI 2151	— 527
— An explanation of the cuts of two porphyry pillars in Egypt - <i>Huntington</i>	XV 1252	— 530
— Extract of a letter concerning a supposed connection between the hieroglyphical writing of ancient Egypt, and the characteristic writing which is in use at this day among the Chinese - <i>Morton</i>	LIX 489	
ELASTICITY. A remark upon the new opinion relating to the forces of moving bodies, in the case of the collision of non-elastic bodies - <i>Eames</i>	XXXIV 183	VI 287
— An experiment to prove that water, when agitated by fire, is infinitely more elastic than air in the same circumstances - <i>Clayton</i>	XLI 162	VIII 466
— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force, sufficient to give motion to hydraulpneumatical and		

other

	Transf.	Abridg.
other engines, for raising water, and other uses, &c. - - - <i>Payne</i>	XLI 821	VIII 638
— An attempt to explain some of the principal phenomena of electricity by means of an elastic fluid - - - <i>Cavendish</i>	LXI 584	
— Continuation of an experimental enquiry concerning the nature of the mineral elastic spirit or air contained in the Pouhon water, and other acidulæ - - - <i>Brownrigg</i>	LXIV 357	
— Experiments for discovering the various elasticity of the air in different parts of Switzerland - - - <i>Scheuchzer</i>	XXIX 266	IV 2 16
— Some thoughts and conjectures concerning the cause of elasticity - - - <i>Desaguliers</i>	XLI 175	VIII 439
— See <i>Air</i> .		
ELDEN HOLE. An account of Elden Hole in Derbyshire, with some observations upon it - - - <i>King and Lloyd</i>	LXI 250	
ELDER. A letter on the effects of elder, in preserving growing plants from insects and flies <i>Gullet</i>	LXII 348	
ELECTRICITY. A catalogue of electrical bodies <i>Plou</i>	XX 384	III 491
— An account of an experiment touching the extraordinary electricity of glass, produceable on a smart attrition of it; with a continuation of experiments on the same subject, and other phenomena - - - <i>Hauksbee</i>	XXV 2327	IV 2 186
— A continuation - - - <i>Hauksbee</i>	— 2332	— - -
— An account of some experiments touching the electricity and light produceable on the attrition of several bodies - - - <i>Hauksbee</i>	XXVI 87	
— An account of some new electrical experiments - - - <i>Gray</i>	XXXI 104	VI 2 7
— A letter containing several experiments concerning electricity - - - <i>Gray</i>	XXXVII 18	— - 9
— A letter concerning the electricity of water <i>Gray</i>	— 227	— - 22
— A letter containing a further account of his experiments concerning electricity <i>Gray</i>	— 285	— - 139
— Two letters containing farther accounts of his experiments concerning electricity <i>Gray</i>	— 397	VII 4 96
— A letter concerning electricity <i>Du Fay</i>	XXXVIII 258	VIII 393
— Experiments and observations upon the light that is produced by communicating electrical attraction to animal or inanimate bodies; together with some of its most surprising effects - - - <i>Gray</i>	XXXIX 16	— 397
— A letter containing some experiments relating to electricity - - - <i>Gray</i>	— 166	— 401

	Transl.	Abridg.
— A letter concerning the revolutions which small pendulous bodies will, by electricity, make round larger ones, from east to west, as the planets do round the sun - <i>Gray</i>	XXXIX 220	
— An account of some electrical experiments intended to be communicated to the Royal Society - <i>Gray</i>	— 400	VIII 404
— Some electrical experiments chiefly regarding the repulsive force of electrical bodies <i>Wheler</i>	XLI 98	— 406
— Account of some of the electrical experiments made by Granville Wheeler at the Royal Society's house May 11, 1731 <i>Mortimer</i>	— 112	— 412
— Letter of remarks on the late Stephen Gray; his electrical circular experiment <i>Wheler</i>	— 118	— 415
— Some thoughts and experiments concerning electricity - <i>Desaguliers</i>	— 186	— 419
— Experiments made before the Royal Society Feb. 2, 9, and 16, 1737-8 <i>Desaguliers</i>	— 193	— 422
— Some electrical experiments made at the prince of Wales's at Cliefden Apr. 15, 1738, where the electricity was conveyed 420 feet in a direct line - <i>Desaguliers</i>	— 209	— 429
— Something concerning electricity <i>Desaguliers</i>	— 634	— 430
— An account of some electrical experiments made before the Royal Society Jan. 22 and Mar. 15, 1741 - <i>Desaguliers</i>	— 637	— 432
— Several electrical experiments made at various times before the Royal Society <i>Desaguliers</i>	— 661	— 433
— Further observations concerning electricity - <i>Desaguliers</i>	XLII 14	— 435
— Some conjectures concerning electricity, and the rise of vapours - <i>Desaguliers</i>	— 140	— 437
— An account of the electrical fire <i>Hallman</i>	XLIII 239	X 271
— Letter on firing phosphorus by electricity <i>Miles</i>	— 290	— 272
— Some new observations in electricity <i>Winkler</i>	— 307	
— Observations of luminous emanations from human bodies and from brutes: with some remarks on electricity - <i>Miles</i>	— 441	— 278
— Abstract of a letter on electricity <i>De Bozes</i>	— 419	— 277
— Experiments and observations tending to illustrate the nature and properties of electricity - <i>W. Watson</i>	— 481	— 280
— Extracts of two letters concerning the effects of a cane of black sealing-wax, and a cane of brimstone, in electrical experiments <i>Miles</i>	XLIV 27	— 317
— Further experiments and observations tending to		

illustrate

	Transf.	Abridg.
illustrate the nature and properties of electricity - <i>W. Watson</i>	XLIV 41	X 290
— Extracts of two letters containing several electrical experiments - <i>Miles</i>	— 53	— 319
— Part of a letter concerning the light caused by quicksilver shaken in a glass tube proceeding from electricity - <i>Trembley</i>	— 58	— 321
— Part of a letter concerning electrical fire <i>Miles</i>	— 78	— 322
— A letter on weighing the strength of electrical effluvia - <i>Ellicott</i>	— 96	— 324
— Part of two letters containing some electrical observations - <i>Miles</i>	— 158	— 325
— An extract of a letter concerning the effects of electricity upon himself and his wife <i>Winkler</i>	— 211	— 327
— A letter shewing, that the electricity of glass disturbs the mariner's compass, and also nice balances - <i>Robins</i>	— 242	— 328
— Extract of a letter concerning some new electrical experiments lately made at Paris - <i>Needham</i>	— 247	— 329
— Extract of a memoir concerning the communication of electricity; read at the meeting of the Royal Academy of Sciences at Paris Nov. 12, 1746 - <i>Le Monnier</i>	— 290	— 336
— Part of a letter concerning the effect of electricity on vegetables - <i>Browning</i>	— 373	— 342
— Observations upon so much of M. le Monnier, jun. memoir, lately presented to the Royal Society, as relates to the communicating the electric virtue to non-electrics - <i>W. Watson</i>	— 388	— 339
— A letter which gives a description and the figures of his electrical pyroorganum <i>Winkler</i>	— 497	— 345
— A continuation of a paper concerning electricity, from vol. XLIII. pag. 501 <i>W. Watson</i>	— 695	
— A sequel to the experiments and observations tending to illustrate the nature and properties of electricity - <i>W. Watson</i>	— 704	— 290
— A collection of electrical experiments <i>W. Watson</i>	XLV 49	— 347
— Some further inquiries into the nature and properties of electricity - <i>W. Watson</i>	— 93	— 368
— Part of a letter concerning electricity <i>Nollet</i>	— 187	— 352
— Several essays towards discovering the laws of electricity - <i>Ellicott</i>	— 195	— 386
— A letter concerning a fustian-frock being set on fire by electricity - <i>Reche</i>	— 203, 213	— 389, 39
	— 323	— 406

	Transf.	Abridg.
— Extraſt of a letter concerning ſome electrical experiments - <i>Hales</i>	XLIV 409	X 406
— An account of the experiments made by ſome gentlemen of the Royal Society, in order to meaſure the abſolute velocity of electricity - <i>W. Watſon</i>	XLV 491	— 407
— Extraſt of a letter on the electricity of glaſs that has been expoſed to ſtrong fires <i>Boſe</i>	XLVI 189	— 329
— Letter declaring that he, as well as many others, have not been able to make odours paſs through glaſs by means of electricity; and giving a particular account of profeſſor Boſe at Wittemberg, his experiment of beatification, or cauſing a glory to appear round a man's head by electricity - <i>W. Watſon</i>	— 348	— 410
— Extraſt of a letter accompanying an examination of certain phænomena in electricity - <i>Nollet</i>	— 368	— 414
— An account of B. Franklin's treatiſe of experiments and obſervations on electricity, made at Philadelphia - <i>W. Watſon</i>	XLVII 202	
— An account of experiments relating to odours paſſing through electrified globes and tubes - <i>Winkler</i>	— 231	
— An account of the reſult of ſome experiments made here with globes and tubes, tranſmitted by Mr. Winkler, in order to verify the facts above-mentioned - <i>W. Watſon</i>	— 236	
— An account of the phænomena of electricity in vacuo - <i>W. Watſon</i>	— 362	
— Letter concerning the ſucceſs of the late experiments in France - <i>Mazeas</i>	— 534	
— Extraſts of two letters relating to the extracting electricity from the clouds - <i>Nollet</i>	— 553	
— Another letter on the ſame - <i>Moliers</i>	— 559	
— Letter concerning an electrical kite - <i>Franklin</i>	— 565	
— Letter concerning the electrical experiments in England upon thunder-clouds - <i>W. Watſon</i>	— 567	
— Letter concerning ſome electrical experiments made at Paris - <i>Wilson</i>	XLVIII 347	
— Electrical experiments, with an attempt to account for their ſeveral phænomena; together with ſome obſervations on thunder-clouds - <i>Canton</i>	— 350	
— Obſervations upon the electricity of the air made		

	Transf.	Abridg.
at the Chateau de Maintenon in June, July, and October 1753	-	-
— An additional remark to one of W. Watſon, in his account of the Abbe Nollet's letter concerning electricity	<i>Mazeas</i> XLVIII 377	-
— Answer to ſeveral queries concerning his experiment of electricity with a kite	<i>Birch</i> — 484	-
— Answer to Dr. Lining's query relating to the death of profeſſor Richman	<i>Lining</i> — 757	-
— Account of two electrical experiments	<i>W. Watſon</i> — 765	-
— Letter concerning ſome new electrical experiments	<i>Winkler</i> — 772	-
— An account of the death of Mr. George-Wil- liam Richman, occaſioned by an electrical ſhock collected from thunder; tranſlated from the High Dutch	<i>Canton</i> — 780 <i>Anon.</i> XLIX 61	-
— Electrical experiments made in purſuance of thoſe of Mr. Canton, dated Dec. 3, 1753; with an explanation by	<i>Franklin</i> XLIX 300	-
— Extract of a letter concerning electricity	<i>Franklin</i> — 305	-
— A retraction of his former opinion concerning the explication of the Leyden experiment	<i>Wilſon</i> — 682	-
— An account of ſome electrical experiments	<i>Wilſon</i> LI 83	-
— Experiments on the tourmalin	<i>Delaval</i> — 308	-
— New experiments and obſervations concerning electricity	<i>Wilſon</i> — 340	-
— A letter concerning the force of electrical co- heſion	<i>Symmer</i> — 390	-
— Experiments in electricity	<i>Mitchell</i> — 514	-
— With remarks	<i>Beccaria</i> — 525	-
— Further experiments in electricity	<i>Franklin</i> — 896	-
— A letter to Mr. B. Wilſon concerning electri- city	<i>Wilſon</i> — 907	-
— An account of ſeveral experiments in electri- city	<i>Bergman</i> — 907	-
— A letter concerning Mr. Canton's experiment	<i>Delaval</i> LII 353	-
— A letter containing ſome remarks on Mr. De- laval's electrical experiments	<i>Franklin</i> — 456	-
— New experiments in electricity	<i>Canton</i> — 457	-
— Obſervations in electricity, and on a thunder- ſtorm	<i>Kinnerſley</i> LIII 84 <i>Bergman</i> — 97	-

	Trans.	Abridg.
— Experiments on the tourmalin - <i>Wilson</i>	LIII 436	
— A letter containing some experiments in electricity - <i>Bergman</i>	LIV 84	
— New experiments in electricity <i>Beccaria</i>	LVI 105	
— On the nature of the tourmalin <i>Bergman</i>	— 236	
— A description of an approved apparatus for performing electrical experiments, in which the electrical power is increased, the operation entirely secured from receiving any accidental shocks, and the whole rendered more convenient - <i>L'Epinaffe</i>	LVII 186	
— A specimen of some new experiments in electricity - <i>Beccaria</i>	— 297	
— An account of rings consisting of all the prismatic colours, made by electrical explosions on the surface of pieces of metal <i>Priestley</i>	LVIII 68	
— Experiments on the lateral force of electrical explosions - <i>Priestley</i>	LIX 57	
— Various experiments on the force of electrical explosions - <i>Priestley</i>	— 63	
— An investigation of the lateral explosion, and of the electricity communicated to the electrical circuit, in a discharge <i>Priestley</i>	LX 192	
— Theorems concerning the electrical atmosphere - <i>Beccaria</i>	— 277	
— An attempt to explain some of the principal phenomena of electricity by means of an elastic fluid - <i>Cavendish</i>	LXI 584	
— A letter inclosing an account of some observations on atmospherical electricity, in regard of frogs, mites, &c. with some remarks - <i>Ronayne</i>	LXII 137	
— An account of several electrical experiments made by Mr. W. Henley - <i>Priestley</i>	— 359	
— Extract of a letter on some electrical experiments made with charcoal - <i>Kinnerfley</i>	LXIII 38	
— A letter containing some new electrical experiments, July 7, 1772 - <i>Brydane</i>	— 163	
— An extract of a letter on some improvements in the electrical machine - <i>No:th</i>	— 333	
— Of the electric property of the torpedo <i>Walsh</i>	— 461	
— Electrical experiments made with a machine of his own workmanship; a description of which is prefixed - <i>Nairne</i>	LXIV 79	
— An account of some new experiments in electricity, containing, 1. An enquiry whether vapour be a conductor of electricity. 2. Some		

	Transf.	Abridg.
experiments to ascertain the direction of the electric matter in the discharge of the Leyden bottle. 3. Experiments on the lateral explosion in the discharge of the Leyden bottle. 4. The description and use of a new prime conductor. 5. Miscellaneous experiments made principally in 1771 and 1772. 6. Experiments and observations on the electricity of frogs, in pursuance of those made by Thomas Ronayne, Esq; with a plan of an electrical journal		
— An account of some attempts to imitate the effects of the torpedo by electricity	<i>Henly</i> LXIV 389 <i>Cavendish</i> LXVI 196	
— Extraordinary electricity of the atmosphere, observed at Hillington in the month of October 1775	<i>Cavallo</i> — 407	
— Experiments and observations on a new apparatus, called, a machine for exhibiting perpetual electricity	<i>Henly</i> — 513	
— An account of some new experiments in electricity	<i>Cavallo</i> LXVII 1 48	
— Experiments and observations in electricity	<i>Henly</i> — 1 85	
— New electrical experiments and observations	<i>Cavallo</i> — 388	
— An account of some electrical experiments	<i>Swift</i> LXVIII 155	
— Reasons for dissenting from the report of the committee appointed to consider of Mr. Wilson's experiments; including remarks on some experiments exhibited by Mr. Nairne	<i>Musgrave</i> — 801	
— Experiments on electricity; being an attempt to shew the advantage of elevated pointed conductors	<i>Nairne</i> — 823	
— On the use of an amalgam of zinc for the purpose of electrical excitation	<i>Higgins</i> — 861	
— New experiments upon the Leyden phial, respecting the termination of conductors	<i>Wilson</i> — 999	
— A ready way of lighting a candle by a very moderate electrical spark	<i>Ingenhoufz</i> — 1022	
— Observations and experiments tending to confirm Dr. Ingenhoufz's theory of the electrophorus; and to shew the impermeability of glass to the electric fluid	<i>Henly</i> — 1049	
— Account of some experiments in electricity	<i>Swift</i> LXIX 454	
— Improvements in electricity by	<i>Ingenhoufz</i> — 661	

	Transf.	Abridg.
— An account of some new experiments in electricity, with the description and use of two new electrical instruments - <i>Cavalle</i>	LXX 15	
— An account of the effect of electricity in shortening of wires - <i>Nairne</i>	— 334	
ELECTRICITY (Medicine). A discovery in electricity useful to medicine (Lat.) <i>Winkler</i>	XLV 262	X 399
— A letter concerning several medical experiments of electricity - <i>Baker</i>	— 270	— 404
— Accounts of the effects of electricity in the county hospital at Shrewsbury <i>Hart</i>	XLVIII 786	
— An account of a cure of a paralytic arm by electricity - <i>Hart</i>	XLIX 558	
— An instance of the electrical virtue in the cure of a palsy - <i>Brydone</i>	L 392	
— An account of the effects of electricity in paralytic cases - <i>Franklin</i>	— 481	
— A further account of the effects of electricity in the cure of some diseases - <i>Brydone</i>	— 695	
— Case of a paralytic patient cured by an electrical application - <i>Himself</i>	LI 179	
— Observations upon the effects of electricity applied to a tetanus, or muscular rigidity of four months continuance - <i>W. Watson</i>	LIII 10	
— Account of a locked jaw and paralysis cured by electricity - <i>Spry</i>	LVII 88	
— A cure of a muscular contraction by electricity - <i>Partington</i>	LXVIII 97	
— An account of the cure of St. Vitus's Dance by electricity - <i>A. Fobergill</i>	LXIX 1	
ELECTRICAL EEL. See <i>Gymnotus Electricus</i> .		
ELECTROMETER. Description of an electrometer invented by Mr. Lane; with an account of some experiments made by him with it <i>Lane</i>		
— An account of a new electrometer contrived by Mr. William Henly, and of several electrical experiments made by him - <i>Priestley</i>	LXII 359	
— New electrical experiments and observations, with an improvement of Mr. Canton's electrometer - <i>Cavalle</i>	LXVII 388	
ELECTROPHORUS. Electrical experiments to explain how far the phenomena of the electrophorus may be accounted for by Dr. Franklin's theory of positive and negative electricity <i>Ingenhousz</i>		
— Observations and experiments tending to confirm Dr. Ingenhousz's theory of electropho-	LXVIII 1027	

	Transf.	Abridg.
rus; and to shew the impermeability of glass to electric fluid - - - <i>Henly</i>	LXVIII 1049	
ELEPHANT. An account of the skeleton of an elephant lately dug up at Tonna - - - <i>Tentzelius</i>	XIX 757	II 438
— An account of the taking and training of elephants in Zeylan - - - <i>Strachan</i>	XXIII 1051	V 2 176
— A full and exact description of all the bones of an elephant, with their several dimensions. To which are premised, an historical account of the natural endowments and several wonderful performances of elephants, with the manner of taking and training them; an anatomical account of its parts, &c. - - - <i>Blair</i>	XXVII 53	
A continuation - - - <i>Blair</i>	— 117.	V 82
— Some remarks upon the disposition of the parts; and microscopical observations upon the contexture of the skin of elephants - - - <i>Leeuwenhoek</i>	— 518	
— A description of the organ of hearing in the elephant, with the figures and situation of the offices, labyrinth and cochlea, in the ear of that animal - - - <i>Blair</i>	XXX 885	— 81
— An account of elephants teeth and bones found under ground, Part I. - - - <i>Sloane</i>	XXXV 457	V 1 100
Part II. - - - <i>Sloane</i>	— 497	— 211
— Observations, and a description of some mammoth's bones dug up in Siberia, proving them to have belonged to elephants - - - <i>Breyne</i>	XL 124	IX 87
— Letter concerning an extraordinary large fossil-tooth of an elephant - - - <i>Baker</i>	XLIII 331	X 599
— An account of several bones of an elephant found at Leyfdown in the Isle of Sheppey - - - <i>Jacob</i>	XLVIII 626	
— Observations on the bones commonly supposed to be elephants bones, which have been found near the river Ohio in America - - - <i>William Hunter</i>	LVIII 34	
— A dissertation on the bones and teeth of elephants, and other beasts, found in North America, and other northern regions, by which it appears they are the bones of indigenous beasts - - - <i>Rafpe</i>	LIX 126	
ELLICOTT. Observations for proving the going of Mr. Ellicott's clock at St. Helena - - - <i>Mason</i>	LII 534	
— See <i>Clock</i> .		
ELLIPSE. A direct and geometrical method by which the aphelia, excentricities, and proportions of the orbs of the primary planets may be determined, without supposing the equality of the angle of		

	Transf.	Abridg.
motion at the other focus of the planet's ellipsis - - - <i>Halley</i>	XI 683	I 258
— Investigation to prove, that the figure of the earth approaches nearly to an ellipsis, according to the laws of attraction in an inverse ratio of the square of the distances <i>Clairault</i>	XL 19	VIII 329
ELLIPTIC. An investigation of a general theorem for finding the length of any arc of any conic hyperbola by means of two elliptic arcs; with some other new and useful theorems deduced therefrom - - <i>Landen</i>	LXV 283	
ELMS. An extract of a letter concerning the propagation of elms by seed - - <i>Buckley</i>	XVII 971	II 667
EMBALMING. An abstract of <i>Narcissus</i> ; or the art of embalming - - <i>Greenhill</i>	XXIV 1101	
EMBRYO. <i>Historia et explicatio figurarum embryon septimanarum & placentam cotiledoformen exhibentium</i> - - <i>Hartmann</i>	XX 66	III 208
— A letter concerning a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it <i>Huxham</i>	XLV 325	XI 1020
EMERY. Some observations on the formation of emery-stone - - <i>Brice</i>	LVI 229	
EMETICK. A solution of the problem for determining the doses of purging and emetick medicines, to be given according to the different ages and constitutions of the patient <i>Cockburn</i>	XXIV 2119	V 273
EMPIRICISM. Postscript against empiricism <i>Banyer</i>	XLII 633	
EMPYEMA. Case of the operation of the empyema - - <i>Warner</i>	XLVII 407	
— The case of the operation for the empyema successfully performed - - <i>Warner</i>	XLVIII 270	
— A remarkable case of an empyema <i>Warner</i>	LI 194	
EMULGENT VEIN. A new discovery of the communication of the ductus thoracicus with the emulgent vein - - <i>Pecquet</i>	II 461	III 258
EMULGENTS. Anatomical observations of an abscess in the liver; a great number of stones in the gall-bag and biliary vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys, and a great dilatation of the vena cava - - <i>Tyson</i>	XII 1035	— 81
ENCAUSTIC. Experiments concerning the encaustic painting of the ancients - - <i>Colebrooke</i>	LI 40	
— A letter concerning the success of the former experiments - - <i>Colebrooke</i>	— 53	
— See <i>Painting</i> .		

ENCRINUS. See *Star Fish*.

ENGINE. A description of Dr. Charles Wren's engine designed for grinding hyperbolic glasses, as it was in a manner promised, vol. II. p. 962 *Wren*

— A new engine to make linen cloth without the help of an artificer *De Gennes*

— Letter concerning Dr. Papin's way of raising water *Vincent*

— Letter concerning Dr. Papin's new water engine *Tenon*

— A full description, with the use, of the new contrivance for raising water *Papin*

— An account of an engine that consumes smoke, shewn lately at St. German's fair in Paris *Justell*

— Answer to several objections made by Mr. Nui against his engine for raising water by the rarefaction of the air *Papin*

— A description of an engine to raise water by the help of quicksilver, invented by *J. Haskins*
And improved by *Desaguliers*

— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermediate air; with a description of a new machine, whereby pipes may be cleared of air as the water runs along without stand pipes, or the help of any hand *Desaguliers*

— An account of a new engine for raising water by horses, or other animals drawing, without any loss of power; with the strokes of the piston made of any length, to prevent the loss of water by the too frequent opening of valves *Churchman*

— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignified vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulopneumatical and other engines, for raising water, and other uses, &c. *Payne*

— The greatest effect of engines with uniformly accelerated motions considered *Black*

— A method of lessening the quantity of friction in engines *Fitzgerald*

— Short and easy methods for finding the quantity and weight of water contained in a full pipe of any given height and diameter of bore; and, consequently, to find what degree of power

Transf.

Abridg.

IV 1059

I 189

XII 1007

— 501

XV 1238

— 539

— 1254

— —

— 1274

— 540

XVI 78

III 638

— 263

I 542

XXXII 5

VI 352

XXXIV 77

— 347

XXXVIII 402

VIII 322

XLI 821

— 638

LI 1

LIII 139

would

	Transf.	Abridg.
would be required to work a common pump, or any other hydraulic engine, when the diameter of the pump bore, and the height to which the water is to be raised therein are given <i>Ferguson</i>	LV 61	
— An account of a machine for raising water, executed at Oulton in Cheshire in 1772 <i>Hitchcock</i>	LXV 277	
— A new theory of the engine for driving piles <i>Lugge</i>	LXIX 120	
— The principal properties of the engine for turning ovals in wood or metal, and of the instrument for drawing ovals upon paper, demonstrated <i>Ludlam</i>	LXX 378	
— See <i>Globe, Fire, Hydraulic, Machine.</i>		
ENGLAND. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain <i>Halley</i>	XVII 495	III 412
— An advertisement necessary for all navigators bound up the Channel of England <i>Anon.</i>	XXII 725	I 585
— Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais <i>Wallis</i>	— 967	IV 2 227
— A demonstration of the numbers of acres contained in England, or South Britain, and the use which may be made of it <i>Grew</i>	XXVII 266	— 449
ENGRAFTING. Some Hortulan communications about the curious engrafting of oranges and lemons, or citrons, upon one another's trees; and of one individual fruit, half orange and half lemon, growing on such trees, &c.	II 553	II 658
ENGRAVING. Some observations upon gems, or precious stones; more particularly such as the ancients used to engrave upon <i>Dingley</i>	XLIV 502	X 610
ENTRAILS. An observation about the epiploon, or the double membrane, which covers the entrails of animals, and is filled with fat <i>Malpighi and Fracassati</i>	II 553	II 658
EPHEMERON. Some observations on a sort of libella, or ephemeron <i>Collinson</i>	XLIV 329	XI 844
EPICYCLOID. The quadrature of a portion of the epicycloid <i>Caswell</i>	XIX 113	I 31
EPIDEMICAL DIARY. A meteorological, barometrical, thermometrical, epidemical and magnetical diary kept at Utrecht 1729 <i>Van Muschenbroek</i>	XXXVII 357	VII 2 71
1730 and 1731 <i>-</i>	— 408	— 4 86,90
EPIDEMICK DISEASES. Historical account of the late general coughs and colds; with some observations on other epidemick distempers <i>Anon.</i>	XVIII 105	III 271
		— Ex-

	Transf.	Abridg.
— — — Extract of a letter relating to an extraordinary agitation of the sea at Barbadoes Mar. 31, 1761, and an epidemical disorder in that island — — — <i>Mafon</i>	LII 477	
EPILEPTIC FITS. An account of a polypus found in the heart of a person who died epileptical <i>Gould</i>	XIV 537	III 70
— — — An account of strange epileptick fits <i>Leigh</i>	XXIII 1174	V 211
— — — Observation of remarkable appearances in the brain of three persons who died of epilepsies — — — <i>Rhatus</i>	XXXV 315	VII 486
EPIPLOON. An observation about the epiploon, or the double membrane, which covers the entrails of animals, and is filled with fat — — — <i>Malpighi and Fracassati</i>	I 553	II 658
EPSOM SALT. Observations and experiments on the sal catharticum amarum, commonly called the Epsom salt — — — <i>Brown</i>	XXXII 348	VII 729
Further observations — — — <i>Brown</i>	— 372	— 732
EQUATIONS. An account concerning the resolution of equations in numbers — — — <i>Collins</i>	IV 929	I 60
— Cubic and biquadratic equations constructed by a parabola and circle — — — <i>Halley</i>	XVI 335	— 63
— Of the number of roots in cubic and biquadratic equations, and their limits — — — <i>Halley</i>	— 387	— 68
— A new, accurate and easy method of finding the roots of equations of every kind, without previous reduction — — — <i>Halley</i>	XVIII 136	— 81
— A method of extracting the root of an infinite equation — — — <i>De Moivre</i>	XX 190	— 95
— Universal solution of cubic and biquadratic equations, viz. analytical, geometrical, and mechanical — — — <i>Colson</i>	XXV 2353	IV 66
— Analytical solution of certain equations of the third, fifth, seventh, ninth, and higher dimensions to infinity in finite terms, like that by Cardan's rules for cubics — — — <i>De Moivre</i>	— 2368	— 77
— An attempt towards the improvement of the method of approximating, in the extraction of the roots of equations in numbers — — — <i>Taylor</i>	XXX 610	— 80
— A letter concerning equations with impossible roots — — — <i>Maclaurin</i>	XXXIV 104	VI 19
— A method of determining the number of impossible roots in affected equations — — — <i>Campbell</i>	XXXV 515	— 9
— A second letter concerning the roots of equations, with the demonstration of other rules in algebra — — — <i>Maclaurin</i>	XXXVI 59	— 25

	Transf.	Abridg.
— Of the reduction of radical expressions (or of the extraction of any root of a possible or impossible binomial) to more simple terms (Lat.) <i>De Moivre</i>	XL 463	VIII 1
— Extract of a letter containing a commodious disposition of equations for exhibiting the relations of geometrical lines - <i>Jones</i>	XLIV 560	X 14
— The application of Dr. Saunderson's theorem for solving unlimited equations to a curious question in chronology - <i>Horsfall</i>	LVIII 100	
— Directions for making a machine for finding the roots of equations universally; with the manner of using it - <i>Rowning</i>	LX 240	
— A method of extending Cardan's rule for resolving one case of a cubic equation $x^3 - qx = r$ to the other case of the same equation, which it is not naturally fitted to solve, and which is therefore called the irreducible case <i>Masferes</i>	LXVIII 902	
Appendix - <i>Masferes</i>	LXX 85	
— A conjecture concerning the method by which Cardan's rules for resolving the cubic equation $x^3 + qx = r$ in all cases (or in all magnitudes of the known quantities q and r) and the cubic equation $x^3 - qx = r$ in the first case of it (or when r is greater than $\frac{2q\sqrt{q}}{3\sqrt{3}}$, or $\frac{rr}{4}$ is greater than $\frac{q^2}{27}$) were probably discovered by Scipio Ferreus of Bononia, or whoever else was the first inventor of them - <i>Masferes</i>	LXX 221	
— Of cubic equations and infinite series <i>Hutton</i>	— 387	
EQUATION OF TIME. Some remarks upon the equation of time, and the true manner of computing it - <i>Masfelyne</i>	LIV 336	
EQUATOR. A resolution of a general proposition for determining the horary alteration of the position of the terrestrial equator from the attraction of the sun and moon; with some remarks on the solutions given by other authors to that difficult and important problem - <i>Simpson</i>	L 416	
— Proposal of a method for measuring degrees of longitude upon parallels of the equator <i>Mitchell</i>	LVI 119	
EQUATORIAL TELESCOPE. The description and uses of an equatorial telescope - <i>Short</i>	XLVI 241	— 154
— Description and use of a new-constructed equatorial telescope, or portable observatory - <i>Nairne</i>	LXI 107	

	Transf.	Abridg.
— An account of an apparatus applied to the equatorial instrument for correcting the errors arising from the refraction in altitude <i>Dolland</i>	LXIX 332	
EQUILIBRIUM. An account of an experiment explaining a mechanical paradox, viz. that two bodies of equal weight, suspended on a certain sort of balances, do not lose their equilibrium by being removed one farther from, the other nearer to, the center — <i>Desaguliers</i>	XXXVII 125	VI 310
EQUINOXES. A treatise on the precession of the equinoxes, and in general on the motion of the nodes, and the alteration of the inclination of the orbit of a planet to the ecliptic <i>Sikvabelle</i>	XLVIII 385	
— Essay on the precession of the equinoxes, and the nutation of the earth's axis <i>Walmesley</i>	XLIX 704	
— A theory of the irregularities that may be occasioned in the annual motion of the earth by the actions of Jupiter and Saturn <i>Walmesley</i>	— 737	
— On the precession of the equinoxes produced by the sun's attraction — <i>Milner</i>	LXIX 505	
EQUULEUS. An account of the equuleus <i>Ward</i>	XXXVI 231	VII 4 31
ERATOSTHENES. Κωστίου Ερατοσθέους, or the sieve of Eratosthenes; being an account of his method of finding out the prime numbers <i>Horst.</i>	LXII 327	
ERGOT. An account of the disease called Ergot in French, from its supposed cause, viz. vitiated rye — <i>Tissot</i>	LV 106	
ERIOCAULON. A letter on a rare plant found in the Isle of Skye, supposed to be the eriocaulon decangulare — <i>Hope</i>	LIX 241	
ESSAY INSTRUMENT. A new-invented essay-instrument described, with its uses — <i>Boyle</i>	X 329	I 516
Extract of a letter relating to the essay-instrument —	— 353	— 520
ETRUSCAN. See <i>Coin, Inscription.</i>		
EVACUATION. A new trocart for the puncture in the hydrocephalus, and for other evacuations which are necessary to be made at different times — <i>Le Cat</i>	XLVII 267	
EVAPORATION. A dissertation on the nature of evaporation, and several phænomena of air, water, and boiling liquors <i>Hamilton</i>	LV 146	
— Observations on the annual evaporation at Liverpool in Lancashire; and on evaporation considered as a test of the moisture or dryness of the atmosphere <i>Dobson</i>	LXVII 1 244	

	Transf.	Abridg.
EUCLID. A new and easy way of demonstrating some propositions in Euclid - <i>Aph</i>	XIV 672	I 7
— Pappus of Alexandria's two general propositions taking in a great part of Euclid's porisms, restored by - <i>Simpson</i>	XXXII 330	VI 76
EUGANEAN HILLS. An account of a curious giants causeway, or group of angular columns, newly discovered in the Euganean Hills, near Padua in Italy - <i>Strange</i>	LXV 418	
EUPHORBIVM. An account of a lady who swallowed euphorbium - <i>Willis</i>	LI 662	
EURE. An account of an aqueduct designed for carrying the River Eure to Versailles - <i>Anon.</i>	XV 1016	I 594
EURIPUS. A letter concerning the flux of the Euripus - <i>Babin</i>	VI 2153	II 289
EXCENTRICITIES. Considerations concerning M. Cassini's geometrical and direct method for finding the apogees, excentricities and anomalies of the planets - <i>Mercator</i>	V 1168	I 253
— A direct and geometrical method by which the aphelia, excentricities, and proportions of the orbs of the primary planets may be determined, without supposing the equality of the angle of motion at the other focus of the planets ellipsis - <i>Halley</i>	XI 683	— 252
EXCENTRICITY. See <i>Planet.</i>		
EXCREMENTS. Letter on animalcula in the excrements of frogs - <i>Leeuwenhoek</i>	XXII 509	III 688
EXCRESCENCES. A considerable account touching vegetable excrecences - <i>Lifter</i>	VI 2254	II 768
Another letter enlarging his communication on vegetable excrecences - <i>Lifter</i>	— 2284	— 768, 770
With some additions - <i>Lifter</i>	— 3002	— 768
— An account of one who had horny excrecences, or extraordinary large nails on his fingers and toes - <i>Locke</i>	XIX 694	
— Two letters concerning horn-like excrecences growing on the fingers, &c. - <i>Wroe</i>	XXIV 1899	V 387
— Letter concerning the extirpation of an excrecence from the womb - <i>Barton</i>	XLVI 520	X 1022
— Observations on fungous excrecences of the bladder; a cutting forceps for extirpating those excrecencies; and canulas for treating these diseases - <i>Le Cat</i>	XLVII 292	
EXCRETORY DUCTS. An account of two glands,		

	Trans.	Abidg.
and their excretory ducts, lately discovered in human bodies - <i>Cowper</i>	XXI 364	I:I 194
— An account of an excretory duct from the glandula renalis - <i>Valsalva</i>	XXXIII 190	VII 540
— An enquiry into a discovery, said to have been made by Sig. Valsalva, of an excretory duct, from the glandula renalis to the epididymis - <i>Ranby</i>	— 270	— 541
EXHALATION. Letters concerning the causes of the ascent of vapour and exhalation, and those of winds; and of the general phenomena of the weather and barometer - <i>Eeles</i>	XLIX 124	
— An extract of an essay entitled, On the uses of a knowledge of mineral exhalations, when applied to discover the principles and properties of mineral waters, and the nature of burning fountains, and of those poisonous lakes which the antients called averni - <i>Brownrigg</i>	LV 236	
EXOCÆTUS VOLITANS. A description of the exocæ-tus volitans, or flying fish - <i>Brown</i>	LXVIII 791	
EXOSTOSES. A case of extraordinary exostoses on the back of a boy - <i>Frede</i>	XLI 369	IX 253
— See <i>Bone</i> .		
EXOTIC. An account of the bishop of London's garden at Fulham, with a catalogue of the exotic trees remaining in it June 25, 1751 <i>W. Watson</i>	XLVII 241	
EXPANSION. Experiments concerning the expansion of animal juices - <i>Boyle</i>	V 2043	
— An account of an experiment made to ascertain the proportion of the expansion of the liquor in the thermometer, with regard to the degrees of heat - <i>Taylor</i>	XXXII 291	VI 2 49 II 431, 466, 491, 505, 548, 555, 624 III
EXPERIMENTS. Some observations and experiments made, and in a letter communicated to the publisher for the Royal Society, by the learned and inquisitive - <i>Martin Lister</i>	IX 221	555, 624 III
— An account of some experiments made before the Royal Society by F. Slare, with short applications of them to physical matters. 1. A parallel between lightening and a phosphorus. 2. By mixing two liquors actually cold, to produce such sparkling and fiery bodies as are not only visible in the dark, but at noon day in the enlightened air. 3. By the addition of an oil to the foregoing mixture to produce a flame. 4. A refutation of Borrichius's experiment that pretends to accension,	XIII 289	350, 352

	Transf.	Abridg.
5. A new experiment with ebullition and incalcescence. 6. Of cold produced without ebullition; giving some account of hysterical paroxysms. 7. Of cold produced by a very great ebullition, wherein the cold and hot fits of an ague are resembled by a mixture of liquors		
— A miscellaneous catalogue of mean, vulgar, cheap and simple experiments - <i>Petty</i>	XV 849	III 683
EXPLOSION. An account of some experiments relating to the production of fire and flame, together with an explosion, made by the mixture of two liquors actually cold - <i>Slare</i>	XVIII 201	— 359
— An account of a fire-ball seen in the air, and of an explosion heard Dec. 11, 1741, near London - <i>Lord Beauchamp</i>	XLI 870	VIII 523
In Suffex - - - <i>Fuller</i>	— 871	— —
In Kent - - - <i>Goslin</i>	— 872	— 524
— Letter concerning an explosion in the air, heard at Norwich June 7, 1750 - <i>Arderon</i>	XLVI 698	X 513
— An account of rings, consisting of all the prismatic colours made by electrical explosions on the surface of pieces of metal <i>Priestley</i>	LVIII 68	
— Experiments on the lateral force of electrical explosions - <i>Priestley</i>	LIX 57	
Various experiments on the force of electrical explosions - <i>Priestley</i>	— 63	
— An investigation of the lateral explosion, and of the electricity communicated to the electrical circuit in a discharge - <i>Priestley</i>	LX 192	
— A letter containing a short account of an explosion of air in a coal-pit at Middleton, near Leeds in Yorkshire - <i>Bernard</i>	LXIII 217	
EYE. An observation containing a blemish in a horse's eye, not hitherto discovered by any author - <i>Lover</i>	II 613	II 864
— Several cases relating chiefly to the eyes - <i>Turberville</i>	XIV 737	III 34
— Observations about the chrySTALLINE humour of the eye - <i>Leeuwenhoek</i>	— 790	
— An account of an extraordinary hæmorrhage at the glandula lacrimalis - <i>Havers</i>	XVIII 51	II 252
— Letter concerning the eyes of beetles <i>Leeuwenhoek</i>	XXII 69	III 685
— Letter concerning crabs eyes - <i>King</i>	— 672	II 831
— An account of the Friesland boy with letters in his eye - <i>Ellis</i>	XXIII 1416	V 2 235
— Letter concerning the chrySTALLINE humour in the		

	Transf.	Abridg.
eye of whales, fish, and other creatures, and of the use of the eye-lids - <i>Leeuwenhoek</i>	XXIV 1723	V 2 267
— An extraordinary case of a partial fight of objects - <i>Vater</i>	XXXIII 147	VII 490
— An explication of the instruments used in a new operation of the eyes - <i>Chefelden</i>	XXXV 451	— 493
— A letter concerning a very large tumour of the eye - <i>Klein</i>	XXXVII 427	
— The case of a wound in the cornea of the eye cured by - <i>Thomas Baker</i>	XLI 135	IX 121
— A description of needles made for operations on the eyes - <i>Cleland</i>	— 847	— 124
— A remarkable cure performed on the eye of a young woman in Scotland - <i>Hope</i>	XLIII 194	XI 951
— A letter concerning the stones called crabs eyes - <i>Baker</i>	XLV 174	— 876
— Extract of a letter containing the particulars of the cure of a wound in the cornea, and of a laceration of the uvea in the eye of a woman - <i>Aery</i>	— 411	— 954
— A letter concerning a large piece of lath being thrust into a man's eye, who recovered of it - <i>Haffel</i>	— 520	— 955
— A description of a new method of opening the cornea, in order to extract the crystalline humour - <i>Sharp</i>	LXVIII 161	
— A second account of a new method of opening the cornea for taking away the cataract - <i>Sharp</i>	— 322	
— A remarkable case of a morbid eye - <i>Spry</i>	XLIX 18	
— An account of a case of a diseased eye - <i>Loyard</i>	L 747	
— Case of a man wounded in the left eye by a small sword - <i>Geach</i>	LIII 234	
EYE LIDS. Letter concerning the chrystalline humour in the eye of whales, fish, and other creatures, and of the use of the eye-lids - <i>Leeuwenhoek</i>	XXIV 1723	V 2 267
— Letter concerning an uncommon palsy in the eye-lids - <i>Cantwell</i>	XL 311	IX 121

F.

FABA S. IGNATII. An account of the virtues of Faba S. Ignatii - <i>Anon.</i>	XXI 87	II 648
Further account of the same - <i>Camelli</i>	— 88	— 649
Letter on Swammerdam's treatise, <i>De Faba S. Ignatii</i> - <i>Hutton</i>	— 365	— —

	Transf.	Abridg.
FACE. A relation of two monstrous pigs with the resemblance of human faces - <i>Floyer</i>	XXI 431	II 900
— An account of an unusual blackness of the face - <i>Yonge</i>	XXVI 424	V 199
— Further account - <i>Yonge</i>	— 432	— —
FAIRBURN. An account of the sulphureous mineral waters of Castle Leod and Fairburn in the county of Ross, and of the salt purging water of Pitkeathly in the county of Perth, Scotland - <i>Monro</i>	LXII 15	
FALKLAND ISLANDS. An account of Falkland Islands - <i>Clayton</i>	LXVI 99	
FALL OF WATER. Part of a letter giving a relation of a wonderful fall of water from a spout upon the Moors in Lancashire <i>Richardson</i>	XXX 1097	IV 2 108
FALLS. An account of the falls of the river Niagara, taken at Albany Oct. 10, 1721 <i>Boraffaw</i>	XXXII 69	VI 2 173
FALLOPIAN TUBE. An account of an egg found in the tuba fallopiana of a woman lately dissected; with several remarks touching generation - <i>Buiffiere</i>	XVIII 11	III 211
FALLOPIAN TUBES. An abstract of a remarkable case and cure of a woman, from whom a foetus was extracted that had been lodged in one of the fallopian tubes thirteen years <i>Mounsey</i>	XLV 131	XI 1012
FARINA. Some experiments concerning the impregnation of the seeds of plants - <i>Logan</i>	XXXIX 192	VIII 804
— A letter with some microscopical observations on the farina of the red lily, and of worms discovered in smutty corn - <i>Needham</i>	XLII 634	— 816
— Observations of the effects which the farina of peas of different colours have on each other - <i>Henchman</i>	XLIII 477	
— The effects which the farina of blossoms of different sorts of apple-trees had on the fruit of a neighbouring tree - <i>Cook</i>	— 525	X 751
— A letter containing some microscopical observations on the farina foecundans of the holyoak and the passion flower - <i>Badcock</i>	XLIV 150	— 753
— Further observations and experiments on the passion flower and its farina <i>Badcock</i>	— 166	— 756
— A letter concerning the farina foecundans of the yew tree - <i>Badcock</i>	— 189	— 757
— A letter concerning a mixed breed of apples from the mixture of farina - <i>Cooke</i>	XLV 602	— 752
— Part of a letter concerning the effects of the mixture of the farina of apple-trees <i>Cooke</i>	XLVI 205	— —

FARTHING.

	Transf.	Abridg.
FARTHING. An account of what happened to a child who swallowed two copper farthings <i>Baynard</i>	XX 424	III 92
FASCINATION. Conjectures on the charming or fascinating power attributed to the rattle-snake; grounded on credible accounts, experiments, and observations <i>Slane</i>	XXXVII 321	IX 55
FAT. An observation about the epiploon, or the double membrane, which covers the entrails of animals, and is filled with fat <i>Malpighi and Fracassati</i>	II 553	II 658
— Microscopical observations concerning fat <i>Leeuwenboek</i>	IX 128	
— A letter concerning the particles of fat <i>Leeuwenboek</i>	XXXII 93	VII 469
— Extract of a letter concerning two men of an extraordinary bulk and weight <i>Knowlton</i>	XLIV 100	XI 1245
— Letter concerning Mr. Bright, the fat man, at Malden in Essex <i>Co.</i>	XLVII 188	
FECUNDITY. Remarks on the very different accounts that have been given of the fecundity of fish, with fresh observations on that subject <i>Harmer</i>	LVII 280	
FEET. The description and use of the pores in the skin of the hands and feet <i>Grew</i>	XIV 556	III 9
— Case of Nicholas Reeks, who was born with his feet turned inwards, which came to rights after being some time used to sit cross-legged <i>Milner</i>	XLVI 239	XI 1113
FEMALES. An account of what has been of late observed of eggs to be found in all sorts of females <i>Kerkringius</i>	VII 4018	
FERMAT (M. DE). Character of M. de Fermat <i>Oldenbourg</i>	I 15	
FERMENTATION. Observations on these three chymical operations, digestion, fermentation, and triture, or grinding (hitherto, in the author's opinion, not sufficiently regarded), by which many things of admirable use may be performed <i>Langelot</i>	VII 5052	III 315
— A way to make two clear spirituous inflammable liquors, which differ very little in taste and smell; and being mixed together, do give a fine carnation colour, without either sensible fermentation or alteration <i>Geoffroy</i>	XXI 43	— 367
— Observations upon the dissolutions and fermentations which we may call cold, because they are accompanied with a coolness of the liquors into which they pass <i>Geoffroy</i>	XXII 951	V 421 FERN.

	Transf.	Abridg.
FERN. A letter concerning the seed of fern <i>Miles</i>	XLI 770	VIII 809
FERREUS SCIPIO. See <i>Equation</i> .		
FERTILITY. Instances, hints, and regulations relating to a main point, solicited in the preface to this fourth volume, concerning the use to be made of vaults, deep wells, and cold conservatories, to find out the cause or to promote the generation of salt, minerals, metals, crystals, gems, stones of divers kinds; and helps to conserve long or to hasten putrefaction, fertility of any kind of land, &c. <i>Beale</i>	IV 1135	II 728
FEVER. Observations on dissection, and the motion of the blood in a fever - <i>Leeuwenhoek</i>	XIII 347	III 384
— A discourse of the operation of a blister when it cures a fever - <i>Cockburn</i>	XXI 161	— 260
— A letter concerning the whiteness on the tongue in fevers - <i>Leeuwenhoek</i>	XXV 2456	V 2 267
— A relation of a deaf and dumb person who recovered his hearing and speech after a violent fever; with some other medical and chirurgical observations - <i>Martin</i>	— 2469	V [357]
— A letter containing his observations upon the white matter on the tongues of feverish persons - <i>Leeuwenhoek</i>	XXVI 210	V 2 267
— Of the use of cold water in fevers <i>Cyrillus</i>	XXXVI 142	VII 635
— A letter relating to the cure of intermitting fevers at Tunis - <i>Shaw</i>	— 177	— 640
— The case of Mr. Cox, surgeon, of Peterborough, who fell into a pestilential fever upon tapping a corpse late dead of an hydropsy -	XLI 168	IX 212
— An account of several persons seized with the gaol-fever working in Newgate, and of the manner in which the infection was communicated to one intire family - <i>Pringle</i>	XLVIII 42	
— An account of those malignant fevers that raged at Rouen at the end of the year 1753, and the beginning of 1754 - <i>Le Cat</i>	XLIX 49	
— Case of the efficacy of bark in the delirium of a fever - <i>Munkley</i>	L 609	
— Letter on the good effects of the quassi roots in fevers at Antigua - <i>Farley</i>	LVIII 80	
— Observations of a sick man surprizingly recovered from a fever - <i>Beruchenuti</i>	— 189	
— Case of a man seized with a fever from the effects of meal-dust - <i>Latham</i>	LX 451	
FIBRES. A discourse concerning the spiral, instead of		

	Transf.	Abridg.
the supposed annular structure of the fibres of the intestines - - - <i>Cole</i>	XI 603	III 88
— Extract of a letter concerning the fibres of the muscles - - - <i>Leeuwenhoek</i>	XXIX 55	V 390
— Observations upon the membranes enclosing the fasciculi of fibres, into which a muscle is divided - - - <i>Leeuwenhoek</i>	XXXI 129	VII 464
Observations on the muscular fibres of different animals - - - <i>Leeuwenhoek</i>	— 134	— 468
— An observation on the double fibres observable in the skeletons prepared from green leaves <i>Hollman</i>	XXLI 789	VIII 818
Conjectures on the use of double fibres in some leaves, &c. - - - <i>Hollman</i>	— 796	— 820
FIELDING. A brief narrative of the shot of Dr. Robert Fielding with a musket bullet, and its strange manner of coming out of his head, where it had laid near 30 years: written by himself - - - <i>Fielding</i>	XXVI 317	V 205
FIGURES. An account of an antient mantle-tree in Northamptonshire, on which the date of it (for the year 1133) is expressed by the numeral figures, which shews the great antiquity of those figures in England - - -	XIII 399	I 107
— On the use of numeral figures in England, as old as 1090 - - - <i>Luffkin</i>	XXI 287	— 108
— Letter concerning the use of the numeral figures in England in 1090 - - - <i>Wallis</i>	XXII 677	— --
— Extract of a letter concerning an antient date found at Wigel Hall in Hertfordshire - <i>Cope</i>	XXXIX 119	IX 420
Remarks on the above date - - - <i>Ward</i>	— 120	— 421
Further accounts of it - - - <i>Gulston</i>	— 122	—
— Some considerations on the antiquity and use of the Indian characters or figures - <i>Cope</i>	— 131	— 426
— Remarks upon an antient date over a gateway, near the cathedral at Worcester - <i>Ward</i>	— 136	—
— An account of an antient date in Arabian figures, upon the north front of the parish church of Rumsey in Hampshire - <i>Barlow</i>	XLI 652	— 254
— A brief inquiry into the reading of two dates in Arabian figures cut upon stones, which were found in Ireland - - - <i>Ward</i>	XLIII 283	XI 1260
— A description of an antient date in Arabian figures at Walling, near Aldermarston, Berkshire - - - <i>Ward</i>	XLV 603	— 1267
— Concerning the various figures of the salts contained in several subitances - <i>Leeuwenhoek</i>	XV 1073	III 685
		— Some

	Trans.	Abstrg.
— Some early methods for the measuring of curved figures, plain and solid <i>Wallis</i>	XXII 547	I 58
— A specimen of the general method of determining the quadratures of figures <i>Craig</i>	XXIII 1346	IV 26
— An inquiry concerning the figure of such planets as revolve about an axis, supposing the density continually to vary from the center to the surface - <i>Clairault</i>	XL 277	VIII 90
FILE. Account of a file rendered magnetical by lightening - <i>Bremond</i>	XLI 614	— 506
FILTRING STONE. An account of the filtering stone of Mexico, and compared with other stones; by which it is shewn, that it is of little or no use in purifying the waters which have passed through it - <i>Vaterus</i>	XXXIX 106	— 728
FINGER. An account of a periodical evacuation of blood at the end of one of the fingers - <i>Dublin Society</i>	XV 989	III 252
— An account of one who had horny excrescences or extraordinary large nails on his fingers and toes - <i>Locke</i>	XIX 694	— 13
— Two letters on horn-like excrescences growing on the fingers, &c. - <i>Wroe</i>	XXIV 1899	V 378
FINLANDERS. A letter giving an account of the Norwegian Fins, or Finlanders - <i>Kinck</i>	XXXV 357	VII 4 44
FIRE. An experiment to prove that water, when agitated by fire, is infinitely more elastic than air in the same circumstance - <i>Clayton</i>	XLI 162	VIII 466
— A proposal for checking in some degree the progress of fires - <i>Hales</i>	XLV 277	XI 1391
— Additions - <i>Mortimer</i>	— 382	— 1392
— Extract of a letter concerning the everlasting fire in Persia - <i>Meunier</i>	— 296	X 267
— An account of the case of a man who died of the effects of the fire at Eddyston Lighthouse, by melted lead running down his throat <i>Spry</i>	XLIX 477	
— Another account - <i>Huxham</i>	— 483	
— An account of a woman accidentally burnt to death at Coventry - <i>Wilmer</i>	LXIV 340	
— Description of a most effectual method of securing buildings against fire <i>Lord Mahon</i>	LXVIII 884	
FIRE BALL. A letter giving an account of a fiery meteor seen in Jamaica to strike into the earth, with remarks on the weather, earthquakes, &c. of that island - <i>Barham</i>	XXX 837	IV 2 31
— — An account of a fire-ball seen in the air,		

	Transf.	Abridg.
and of the explosion heard Dec. 11, 1741, near		
London - <i>Lord Beauchamp</i>	XLI 870	VIII 523
In Suffex - <i>Fulier</i>	- 871	- -
In Kent - <i>Gofflin</i>	- 872	- 524
— Account of a fire-ball seen in the air		
Dec. 11, 1741 - <i>Mafen</i>	XLII 1	- -
— An account of a fire-ball seen Dec. 11,		
1741 - <i>Cooke</i>	- 25	- 525
— An account of the fire-ball seen Dec. 11,		
1741 - <i>Gordon</i>	- 58	- -
- <i>Collinson</i>	- 60	
The appearance of a fiery meteor as seen by		
- <i>Cradock</i>	XLIII 78	
Account of a fiery meteor seen in the air July		
14, 1745 - <i>Coffard</i>	- 522	
Account of a fiery meteor seen Dec. 16, 1742		
- <i>Mortimer</i>	- 524	
— An account of an extraordinary fire-ball		
bursting at sea - <i>Chalmers</i>	XLVI 366	X 480
— An account of a fire-ball seen in the air		
July 22, 1750 - <i>Smith</i>	XLVII 1	
Another account of the same - <i>Baker</i>	- 3	
— Account of a fire-ball seen at Hornsey Hirs	XLVIII 773	
— Several accounts of a fiery meteor which		
appeared Nov. 26, 1758; collected by		
- <i>Pringle</i>	LI 218	
Remarks on the several accounts of the fiery		
meteor which appeared Nov. 26, 1758, and on		
other such bodies - <i>Pringle</i>	- 259	
— Account of a fiery meteor seen at the		
Hague - <i>Gabry</i>	LIII 5	
— An account of several fiery meteors seen		
in North America - <i>Winthrop</i>	LIV 185	
Account of a fiery meteor seen on the 10th of		
February in the shire of Berwick - <i>Brydone</i>	LXII 163	
FIRE (Chemistry). An account of some experiments		
relating to the production of fire and flame;		
together with an explosion made by the mix-		
ture of two liquors actually cold - <i>Slane</i>	XVIII 201	III 359
— Thoughts on Dr. Hales new method of diffu-		
lation by the united force of air and fire		
- <i>Brownrigg</i>	XLIX 534	
— Actual fire in detonation, produced by the con-		
tact of tinfoil, with the salt composed of cop-		
per and the nitrous acid - <i>Higgins</i>	LXIII 137	
— Experiments on ignited bodies - <i>Rozbuck</i>	LXVI 509	
FIRE (Electricity). Two letters concerning the ro-		

	Transf.	Abridg.
tatory motion of glass tubes about their axes, when placed in a certain manner before the fire		
— Letter concerning electrical fire <i>Wobler</i>	XLIII 341	X 551
— A letter concerning a fustian-frock being set on fire by electricity <i>Miles</i>	XLIV 78	— 322
— Extract of a letter concerning the electricity of glass that has been exposed to strong fires <i>Roche</i>	XLV 323	— 406
FIRE ENGINE. An account of Mr. T. Savery's engine for raising water by the help of fire <i>Bose</i>	XLVI 189	— 329
— The best proportions for steam-engine cylinders of a given content considered <i>Savery</i>	XXI 228	I 544
— An engine for raising water by fire: being an improvement of Savery's construction to render it capable of working itself; invented by M. de Moura of Portugal; described by <i>Blake</i>	XLVII 197	
— Experiments on applying the Rev. Dr. Hales method of distilling salt water to the steam-engine <i>J. Smeaton</i>	— 436	
— Farther experiments for increasing the quantity of steam in a fire engine <i>Fitzgerald</i>	L 53	
— An attempt to improve the manner of working the ventilators by the help of fire-engines <i>Fitzgerald</i>	— 370	
FIRE (Natural history). A letter rectifying the relation of salamanders living in fire <i>Fitzgerald</i>	— 727	
— The description of a well and earth in Lancashire taking fire by a candle approached to it <i>Sieno</i>	I 377	II 816
— Observations on a subterranean fire in a coal mine near Newcastle <i>Sbirley</i>	II 482	III 149
— An account of a very odd eruption of fire out of a spot of earth near Fierenzola in Italy <i>Hodgson</i>	XI 762	II 383
— See <i>Distillation</i> . <i>St. Clair</i>	XX 378	— 385
FISH. Account of a strange and curiously-contrived fish from New England <i>Winthrop</i>	V 1151	— 832
— Thoughts about the stellar fish described vol. V. p. 1151 <i>Willoughby</i>	— 1201	
— Phenomena afforded by shell-fishes in an exhausted receiver <i>Boyle</i>	— 2023	I 304
— Of the phenomena of a scale-fish in an exhausted receiver <i>Boyle</i>	— 2024	
— A conjecture concerning the bladders of air that are found in fishes by A. L. and illustrated by		

	Transl.	Abridg.
an experiment suggested by the Hon. Robert Boyle - <i>A. I.</i>	X 310	II 846
— Account of a poisonous fish in one of the Bahama Islands - <i>Locke</i>	X 312	— 824
— Considerations on the swimming-bladders in fishes - <i>Ray</i>	— 349	I 846
— Observations on the purple-fish - <i>Cole</i>	XV 1278	II 823, 832
— A general idea of the structure of the internal parts of fish - <i>Preßler</i>	XIX 419	— 847
— Letter concerning a shower of fishes - <i>Conny</i>	XX 289	— 144
— Letter concerning the chrystalline humour in the eye of whales, fish, and other creatures, and of the use of the eye-lids - <i>Leeuwenhoek</i>	XXIV 1723	V 2 267
— A letter concerning the circulation of the blood in fishes - <i>Leeuwenhoek</i>	XXVI 250	— — —
— An account of some experiments touching the keeping of fishes in water under different circumstances - <i>Hauksbee</i>	XXVII 431	IV 2 182
— Observations on the muscular fibres of fish - <i>Leeuwenhoek</i>	XXXI 190	VII 431
— An account of a narhual, or unicorn fish, lately taken in the river Ost, in the Dutchy of Bremen, 1736 - <i>Steigertal</i>	XL 147	IX 71
— A description of the same fish - <i>Hampe</i>	— 149	— 72
— A method of preparing specimens of fish by drying their skins - <i>Gronovius</i>	XLII 52	
— A letter on keeping of small fish in glass jars; and of an easy way of catching fish - <i>Arderon</i>	XLIV 23	XI 869
— Abstract of a letter concerning some observations made on the bansticle, or prickleback, and also on fish in general - <i>Arderon</i>	— 424	— 872
— Extract of a letter concerning the hearing of fish - <i>Arderon</i>	XLV 149	— 880
— A letter concerning an extraordinary fish, called in Russia, Quab; and concerning the stones called crabs-eyes - <i>Baker</i>	— 174	— 876
— Upon the sounds and hearing of fishes by Jac. Theod. Klein; or some account of a treatise intituled, “An enquiry into the reasons why the author of an epistle concerning the hearing of fishes endeavours to prove they are all mute and deaf - <i>Brocklesby</i>	— 233	— 883
— Divers means for preserving from corruption dead birds intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means may be		

	Transf.	Abridg.
employed for preserving quadrupeds, reptiles, fishes, and insects - <i>Raumur</i>	XLV 309	
— Observations on keeping fish in glasses <i>Arderon</i>	— 321	XI 871
— The description of a fish shewed to the Royal Society by Ralph Bigland <i>Mortimer</i>	XLVI 518	— 879
Experiments of fish and flesh preserved in lime-water - <i>Hume</i>	XLVIII 163	
— An account of some trials to keep water and fish sweet with lime-water - <i>Hales</i>	— 826	
— An account of Mr. Tull's method of castrating fish - <i>W. Waisn</i>	— 870	
— An account of four undescribed fishes of Aleppo - <i>Russel</i>	XLIX 445	
— An account of a remarkable fish taken in the King's Road near Bristol - <i>Ferguson</i>	LIII 170	
— Account of a fish from Batavia, called Jaculator <i>Schlosser</i>	LIV 89	
Some farther account of the Jaculator fish, from Mr. Hommel of Batavia; together with the description of another species by Dr. Pallas <i>Hommel and Pallas</i>	LVI 186	
— A letter on some particular fish found in Wales <i>Barrington</i>	LVII 204	
— Remarks on the very different accounts that have been given of the fecundity of fish, with fresh observations on that subject <i>Harmer</i>	— 280	
— An account of the lymphatic system in fish - <i>Hewson</i>	LIX 204	
— A letter containing an account of a singular fish from the South Seas - <i>Tyson</i>	LXI 247	
— An account of some curious fishes sent from Hudson's Bay - <i>Forster</i>	LXIII 149	
— An account of some poisonous fish in the South Seas - <i>Anderson</i>	LXVI 544	
— A description of the <i>exocætus volitans</i> , or flying-fish - <i>Brown</i>	LXVIII 791	
FISHERY. A letter concerning pearl-fishing in the north of Ireland - <i>Redding</i>	XVII 659	II 828
— An account of a voyage to Chusan in China; with a description of the island, of the several sorts of teas, of the fishing and agriculture of the Chinese, &c. with several observations not hitherto taken notice of - <i>Cunningham</i>	XXIII 120;	V 2 173
— An account of the discovery of the manner of making isinglass in Russia; with a particular description of its manufacture in England, from the produce of British fisheries <i>Jackson</i>	LXIII 1	

	Transf.	Abridg.
FISTULA LACRYMALIS. Some thoughts on the operation of the fistula lachrymalis <i>Hunnaid</i>	XXXIX 54	IX 122
— A new method of treating the fistula lachrymalis - <i>Blizard</i>	LXX 239	
FITS. An account of strange epileptick fits <i>Leigh</i>	XXXIII 1174	V 366
— Case of a boy troubled with convulsive fits cured by a discharge of worms - <i>Oram</i>	L 518	
Another account - <i>Gaze</i>	— 521	
More observations - <i>Wall</i>	— 836	
FIXED AIR. See <i>Air</i> .		
FLAME. An account of some observations relating to the production of fire and flame; together with an explosion made by a mixture of two liquors actually cold - <i>Stare</i>	XVIII 201	III 259
— An account of an uncommon phenomenon in Dorsetshire, of flame arising out of the earth - <i>Stephens</i>	LII 119	
FLAMINGO. The natural history and description of the phœnicopterus, or flamingo; with two views of the head and three of the tongue - <i>Douglafs</i>	XXIX 523	V 63
FLANEL. Extract of a letter concerning the property of new flanel sparkling in the dark <i>Cocke</i>	XLIV 457	X 343
FLEAS. Letter concerning the generation of fleas - <i>Cestone</i>	XXI 42	II 789
— Microscopical observations on the proboscis of fleas - <i>Leeuwenhoek</i>	XXV 2305	V 2 267
FLESH. Experiments on fish and flesh preserved in lime water - <i>Hume</i>	XLVIII 163	
— An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis - <i>Schlosser</i>	XLIX 449	
FLIES. A letter on the effects of elder, in preserving growing plants from insects and flies <i>Gullet</i>	LXII 348	
FLOOD. Letter giving an account of a viscous slime left after a flood in the territory of the Landgrave of Thuringue; with observations <i>Bose</i>	XLVIII 358	
FLORENTINE PHILOSOPHERS. See <i>Frost</i> .		
FLOWERS. Several experiments concerning the preserving of flowers, fruit, &c. <i>Southwell</i>	XX 42	II 623, 750
— A letter giving an account of tulips, and of such bulbous plants. flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground - <i>Tricwald</i>	XXXVII 79	VI 2 54
An account of the same experiments tried the next year by - <i>Miller</i>	— 81	— 358

	Transf.	Abridg.
— Experiments and observations on bulbous roots, plants, and seeds, growing in water <i>Curtis</i>	XXXVIII 267	VIII 825
— A letter concerning a zoophyton somewhat resembling the flower of marygold <i>Hughes</i>	XLII 590	IX 111
— Observations upon the sex of flowers, occasioned by a letter upon the same subject by Mr. Mylius of Berlin - <i>W. Watson</i>	XLVII 169	
FLUENTS. Of the fluents of multinomials and series affected by radical signs, which do not begin to converge till after the second term - <i>Simpson</i>	XLV 328	X 1
— A disquisition concerning certain fluents which are assignable by the arcs of the conic sections; wherein are investigated some new and useful theorems for computing such fluents <i>Landan</i>	LXI 298	
FLUID (ANIMAL). Experiments to prove the existence of a fluid in the nerves - <i>Stuart</i>	XXXVII 327	VI 2 22
— Experiments on animal fluids in the exhausted receiver - <i>Darwin</i>	LXIV 344	
FLUIDS (Natural philosophy). New experiments made about the superficial figures of fluids, especially of liquors contiguous to other liquors - <i>Boyle</i>	XI 775	I 526
- - - <i>Boyle</i>	- 799	- 531
— A description of the apparatus for making experiments on the refractions of fluids; with a table of the specifick gravities, angles of observations, and ratio of refractions of several fluids - <i>Hauksbee</i>	XXVII 204	IV 2 182
— Experiments relating to the resistance of fluids made before the Royal Society <i>Desaguliers</i>	XXXI 142	VI 299
— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulopneumatical, and other engines, for raising water, and other uses, &c. - <i>Payne</i>	XLI 821	VIII 638
— Experiments and observations on the compressibility of water, and some other fluids <i>Canton</i>	LIV 261	
— A course of experiments to ascertain the specific buoyancy of cork in different waters; the respective weights and buoyancy of salt water and fresh water; and for determining the exact weight of human and other bodies in fluids - <i>Wilkinson</i>	LV 95	
— An attempt to explain some of the principal phenomena		nomena

	Transf.	Abridg.
nomena of electricity by means of an elastic fluid - - - <i>Cavendish</i>	LXI 584	
— Observations and experiments tending to confirm Dr. Ingenhoufz's theory of the electrophorus, and to shew the impermeability of glass to electric fluid - - - <i>Henly</i>	LXVIII 1049	
— See <i>Water</i> .		
FLUX. An account of an extraordinary flux of the blood by the penis - - - <i>Howman</i>	XXXII 418	VII 539
— A discourse concerning the difficulty of curing fluxes - - - <i>Cockburn</i>	XXXVII 385	— 641
FLUXIONS. Some remarkable specimens of the doctrine of fluxions, or examples wherein the use and excellence of that method in solving geometrical problems is shewn - - - <i>De Moivre</i>	XIX 52	I 34
— A letter concerning the dispute about the invention of the method of fluxions, or differential method; with M. Leibnitz's answer - - - <i>Conti</i>	XXX 923	IV 162
FLY. An account of a kind of fly that is viviparous - - - <i>Lifter</i>	VI 2170	II 787
— Account of a viviparous fly - - - <i>Lifter</i>	XIV 592	— —
— An account of the insect called the vegetable fly - - - <i>W. Watfon</i>	LIII 271	
Focus. A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual - - - <i>Hook</i>	I 202	I 193
— A direct and geometrical method by which the aphelia, excentricities, and proportion of the orbs of the primary planets may be determined, without supposing the equality of the angle of motion at the other focus of the planet's ellipsis - - - <i>Halley</i>	XI 683	— 258
— An instance of the excellence of the modern algebra, in the resolution of the problem of finding the foci of optick glasses universally <i>Halley</i>	XVII 960	— 183
— Some simple properties of conic sections, deduced from the nature of focus's - - - <i>De Moivre</i>	XXX 622	IV 3
FOETUS. A way of preserving birds taken out of the shells, and other small foetus's - - - <i>Boyle</i>	I 199	III 650
— Extract out of the third and seventh Venetian Giornale de Letterati, concerning the formation of foetus's - - -	VI 2224	
— An account of an odd foetus lately born at Paris - - - <i>Denys</i>	VIII 6157	— 23
— An account concerning the formation of a foetus in the testicle - - - <i>St. Maurice</i>	XIII 285	— 212

	Transf.	Abridg.
— An account of a foetus lying without the uterus in the belly - - - <i>Savard</i>	XIX 314	III 214
— A letter giving an account of the bones of a foetus voided per anum, some years after conception - - - <i>Marley</i>	— 486	
— An account of a foetus voided by the ulcerated navel of a negro - - - <i>Bradie</i>	— 580	— 219
— Account of a woman who voided the bones of a foetus above the os pubis, and by other extraordinary ways <i>Philosophical Society at Oxford</i>	XX 292	— —
— An extract of a relation containing a remarkable history of a foetus without the womb <i>Fern</i>	XXI 121	— 214, 216
— An account of a woman who voided the greatest part of a foetus by the navel <i>Birbeck</i>	XXII 1000	V 305
— Letter concerning the bones of a human foetus voided through an impostume in the groin - - - <i>Skippon</i>	XXIV 2077	— 306
— An account of a puppy in the womb, that received no nourishment by the mouth <i>Brady</i>	— 2176	— 34[353]
— An account of several extra-uterine foetus's <i>Yonge</i>	XXVI 424	— 306
— Further account - - - <i>Yonge</i>	— 432	
— Letter concerning the bones of a dead foetus taken out of the uterus of a cow <i>Sberman</i>	— 450	— 54
— Account of a child's crying in the womb - - - <i>Derham</i>	— 485	— 310
— A short dissertation on the child's crying in the womb - - - <i>Derham</i>	— 487	— —
— An account of a foetus that continued 46 years in the mother's body - - - <i>Steigertahl</i>	XXXI 126	VII 954
— An account of an extra-uterine foetus taken out of a woman after death, that had continued five years and a half in the body <i>Houston</i>	XXXII 387	— 555
— Case of the head and ribs of a foetus brought forth by the anus - - - <i>Lind-folpe</i>	XXXIII 171	— 557
— An account of the præternatural delivery of a foetus at the anus - - - <i>Nourse</i>	XXXVI 435	— 559
— Case of a woman who had a foetus in her abdomen for nine years - - - <i>Bromfield</i>	XLI 697	IX 191
— An account of a monstrous foetus resembling a hooded monkey - - - <i>Gregory</i>	— 764	— 315
— Case of the bones of a foetus coming away by the anus - - - <i>Winthrop</i>	XLIII 304	XI 1015
— A letter concerning the bones of a foetus voided per anum - - - <i>Simon</i>	— 529	— 1016
— An account of a child being taken out of the abdomen, after having lain there upwards of 16 years - - - <i>Myddleton</i>	XLIV 617	— 1017
		— A let-

	Transf.	Abridg.
— A letter concerning the bones of a foetus being discharged through an ulcer near the navel - - - <i>Drake</i>	XLV 121	XI 1019
— An abstract of the remarkable case and cure of a woman, from whom a foetus was extracted that had been lodged in one of the fallopian tubes thirteen years - <i>Mounsey</i>	— 131	— 1012
— An account of double foetus's of calves <i>Le Cat</i>	— 497	— 1216
— Some accounts of the foetus in utero, being differently affected by the small-pox <i>W. Watson</i>	XLVI 235	— 1042
— An account of a monstrous foetus without any mark of sex - <i>Baller</i>	— 479	— 1208
— Case of a woman from whom the bones of a foetus were extracted - <i>Debenham</i>	XLVII 92	
— Some observations proving, that the foetus is in part nourished by the liquor amnii <i>Fleming</i>	XLIX 254	
— An account of a monstrous human foetus having neither head, heart, lungs, stomach, spleen, pancreas, liver nor kidneys - <i>Le Cat</i>	LVII 1	
— History of a foetus born with a very imperfect brain; to which is subjoined, a supplement of the essay on the use of ganglions <i>Johnston</i>	— 118	
— An account of a very small foetus brought into the world, at the same time with a child at its full growth - <i>Warner</i>	LX 453	
Fogs. A letter inclosing an account of some observations on atmospherical electricity, in regard of fogs, mists, &c. with some remarks <i>Ronayne</i>	LXII 137	
— An account of some new experiments in electricity, containing, 1. An enquiry whether vapour be a conductor of electricity. 2. Some experiments to ascertain the direction of the electric matter in the discharge of the Leyden bottle. 3. Experiments on the lateral explosion in the discharge of the Leyden bottle. 4. The description and use of a new prime conductor. 5. Miscellaneous experiments made principally in 1771 and 1772. 6. Experiments and observations on the electricity of fogs, in pursuance of those made by Thomas Ronayne, Esq. with a plan of an electrical journal, &c. - <i>Henley</i>	LXIV 389	
FOLIATE. A ready description and quadrature of a curve of the third order, resembling that commonly called foliate - <i>De Moivre</i>	XXIX 329	IV 24
FOLKESTONE. Account of a very uncommon sinking of the earth near Folkestone in Kent <i>Sachettil</i>	— 469	IV 2 248

	Transf.	Abridg.
FOOD. An abstract concerning a strange preservation of four men in a mine 24 days without food - - - <i>Anon.</i>	XIV 577	
— A query concerning the food of the humming bird - - - <i>Grew</i>	XVII 815	II 854
— Letter concerning men's feeding on flesh <i>Wallis</i>	XXII 769	V 1
Answer - - - <i>Tyson</i>	— 774	
Second letter - - - <i>Wallis</i>	— 783	
— Copy of an affidavit made in Scotland of a boy's living a considerable time without food <i>Blair</i>	XXXI 28	VII 668
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c: also to sweeten stinking water - - - <i>Hales</i>	XLIV 339	
— An account of a woman in the shire of Ross living without food or drink <i>Mackenzie</i>	LXVII 1	
— See <i>Boulton</i> .		
FOOT (Mathematics). A letter touching the invention of dividing a foot into many thousand parts for mathematical purposes - - - <i>Townley</i>	II 457	I 218
More ways for the same purposes	— 459	— 220
A description of the instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness - - -	— 541	— 219
— An enquiry into the measure of the Roman foot - - - <i>Raper</i>	LI 774	
FOOT (Phyfic). Account of a bristle that was lodged in a gentleman's foot, and caused a violent inflammation - - - <i>Arden</i>	XLIV 192	XI 1114
FORAMEN OVALE. An extraordinary case of the foramen ovale of the heart being open in an adult - - - <i>Amya: d</i>	XXXIX 172	IX 134
A letter concerning the foramen ovale being found open in the hearts of adults, and of the figure of the canal of the urethra <i>Le Cat</i>	XLI 681	— —
FORCE. An account of some experiments for trying the force of great guns - - - <i>Greaves</i>	XV 1090	I 495
— Some experiments and observations on the force of the pressure of the water at great depths	XVII 504	— 521
— On the laws of centripetal force - - - <i>Keil</i>	XXVI 174	IV 359
— A letter concerning an experiment, whereby it has been attempted to shew the falsity of the common opinion in relation to the force of bodies in motion <i>Pemberton</i>	XXXII 57	VI 276

	Transf.	Abridg.
— An account of some experiments made to prove, that the force of moving bodies is proportionable to their velocities <i>Desaguliers</i>	XXXII 269	VI 281
— Animadversions upon some experiments relating to the force of moving bodies; with two new experiments on the same subject <i>Desaguliers</i>	— 285	— 221
— A remark upon the new opinion relating to the forces of moving bodies, in the case of the collision of non-elastic bodies <i>Eames</i>	XXXIV 183	— 287
— Remarks upon a supposed demonstration, that the moving forces of the same body are not as the velocities, but as the squares of the velocities <i>Eames</i>	— 188	— 289
— Remarks upon some experiments in hydraulics, which seem to prove, that the forces of equal moving bodies are as the squares of their velocities <i>Eames</i>	XXXV 343	— 292
— A letter occasioned by the present controversy among mathematicians; concerning the proportion of velocity and force in bodies in motion <i>Samuel Clarke</i>	— 381	— 294
— An account of an experiment contrived by G. J. s'Gravesande, relating to the force of moving bodies; shewn to the Royal Society by <i>Desaguliers</i>	XXXVIII 143	VIII 235
— Some electrical experiments chiefly regarding the repulsive force of electrical bodies <i>Wheeler</i>	XLI 98	— 406
— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulopneumatical and other engines, for raising water and other uses, &c. <i>Payne</i>	— 821	— 638
— Some new thoughts for discovering whether pendulums are obstructed by any centrifugal force <i>Polenus</i>	XLII 299	— 250
— An inquiry into the measure of the force of bodies in motion; with a proposal of an experimentum crucis, to decide the controversy about it <i>Jurin</i>	XLIII 423	X 174
— An essay on the force of percussion <i>Richardson</i>	LVIII 17	
— A letter containing a demonstration of a law of motion, in the case of a body deflected by two		

	Transl.	Abridg.
forces tending constantly to two fixed points - - - <i>Robertson</i>	LIX 74	
FORCEPS. Observations on fungous excrescences of the bladder, a cutting forceps for extirpating these excrescences, and canulas for treating these diseases - <i>Le Cat</i>	XLVII 292	
FOREHEAD. Part of two letters concerning a prodigious os frontis in the medicine school at Leyden - - - <i>Molynux</i>	XV 880	III 2
FOSSIL. Of the abundance of fossil wood found under ground in Lincolnshire - <i>Anon.</i>	V 2050	II 423
— Letter concerning Broughton in Lincolnshire; with observations on the shell-fish observed in the quarries about that place <i>De la Pryme</i>	XXII 677	— 428
— Observations on the fossils of Reculver Cliffe; with a note by the publisher, H. Sloane <i>Gray</i>	— 762	IV 461
— Part of two letters concerning fossils <i>Lbwyd</i>	XXIV 1566	IV 2 264
— A letter concerning Harwich Cliffe, and the fossil shells found there - <i>Dale</i>	— 1568	— - -
— A letter concerning some fossils of Switzerland - - - <i>Leeuwenhoek</i>	— 1774	V 2 267
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer of Zurich sent to J. Petiver - <i>Petiver</i>	— 2042	IV 2 286
— A catalogue of the minerals, petrified shells, and other fossils, sent from C. M. Spener, of Berlin, to J. Petiver - <i>Petiver</i>	— 2082	— - -
— Advertisement of a collection of specimens of fossils to be had of Alb. Thomas, for one guinea a set - - - <i>Thomas</i>	XXVI 77	— - -
— An account of the impression of the almost entire skeleton of a large animal in a very hard stone found at Elston, near Newark, Nottinghamshire - - - <i>Stuteley</i>	XXX 963	— - 272
— An account of elephants teeth and bones found under ground - <i>Sloane</i>	XXXV 457	
— Of fossil teeth and bones of elephants, part II. - - - <i>Sloane</i>	— 497	VI 2 211
— An account of the several strata of earth and fossils found in sinking the mineral well at Holl - <i>Lewis</i>	— 489	— - 225
— A letter serving to accompany the pictures of an extraordinary fossil skull of an ox with the cores of the horns - <i>Klein</i>	XXXVII 427	VII 4 101
— A letter concerning the manuring of land with fossil shells <i>Pickering</i>	XLIII 191	X 796
		— Let.

	Transf.	Abridg.
— Letter concerning an extraordinary large fossil tooth of an elephant - <i>Baker</i>	XLIII 331	X 599
— An account of some fossils found in Ireland - <i>Simon</i>	— 529	— 670
— Letter concerning a non-descript petrified insect - <i>Lytleton</i>	XLVI 598	— 656
— Further account of the before-mentioned Dudley fossil - <i>Anon.</i>	— 600	—
— An account of some uncommon fossil bodies - <i>Baker</i>	XLVIII 117	
— A letter concerning the fossil found at Dudley in Staffordshire, and described, N ^o 496 - <i>Da Costa</i>	— 286	
— An account of some fungitæ, and other curious coralloid fossil bodies - <i>Pennant</i>	XLIX 513	
— Account of a remarkable fossil orthoceratites - <i>Wright</i>	— 670, 672	
— An account of some fossil fruits, and other bodies, found in the island of Shepey - <i>Parsons</i>	L 396	
— A short description of some high mountains, in which there is a great quantity of fossil wood - <i>Hollman</i>	LI 506	
— An account of some very large fossil teeth found in North America - <i>Collinson</i>	LVII 464	
— Sequel to the account - <i>Collinson</i>	— 468	
— Some account of a fossil lately found near Christ Church in Hampshire - <i>Barrington</i>	LXIII 171	
FOUNTAINS. A particular account of the origin of fountains; and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually - <i>Anon.</i>	X 447	II 329
— An account of boiling and other fountains - <i>Robinson</i>	XV 1036	— 349
— An extract of an essay entituled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, and the nature of burning fountains; and of those poisonous lakes which the antients called Averni - <i>Brownrigg</i>	LV 236	
FOWL. Anatomical observations in the heads of fowls made at several times - <i>Moulen</i>	XVII 711	— 860
— Method of catching fowl and deer in the island of Ceilan - <i>Strachan</i>	XXIII 1094	V 2 179
— Letter concerning a pin found in the gizzard of a fowl - <i>Regnard</i>	XXIV 2055	V 53
FRACASSATI. A confirmation of the experiments		

made by Sign. Fracassati in Italy, by injecting acid liquors into the blood	- Boyle	Trans. II 551	Abstrig. III 232
FRACTIONS. The reduction of rational fractions into more simple ones	- De Moivre	XXXII 162	VI 51
— An investigation of some theorems which suggest some remarkable properties of the circle, and are of use in resolving fractions whose denominations are certain multinomials into more simple ones	- Landen	XLVIII 566	
— Of the theory of circulating decimal fractions	- Robertson	LVIII 207	
FRACTURE. Observations on a fracture in the upper part of the thigh bone	- Douglas	XXIX 499	V 388
— Part of a letter concerning a case of chirurgery, which is commonly mistaken for a fracture of the patella	- Deverel	XXXI 44	VII 678
— The description and draught of a machine for reducing fractures of the thigh	- Ettrick	XLI 562	IX 254
— Observations of a fracture of the os humeri by the power of the muscles only	- Amyand	XLII 293	XI 1103
An account of the fracture of the os ilium, and its cure	- Layerd	— 537	— 1110
— An account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking place, and which may also be of service in fractures happening near the head of that bone	- Le Cat	LVI 270	
— An account of a new-invented instrument for fracturing legs	- Sharp	LVII 80	
FRAGILITY. An account of some experiments lately made in Holland upon the fragility of unannealed glass vessels	- Anon.	XLIII 505	— 1343 II 425,
FRANCE. Observations made in the southern parts of France	- De Martel	V 1179	657, 309
— Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais	- Wallis	XXII 967	IV 2 227,
FRANCFORT. Letter concerning osteocolla, and other observables near Francfort on the Oder	- Beckman	III 771	II 148, 461 III 603
FRICTION. Some observables on the effects of touch and friction	- Oldenburg	I 206	— 10 — An

	Transf.	Abridg.
— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermixed air; with a description of a new machine, whereby pipes may be cleared of air as the water runs along without stand-pipes, or the help of any hand		
— — — — — <i>Desaguliers</i>	XXXIV 77	VI 347
— An examination of M. Perault's new-invented axis in peritrochio, said to be void of friction: with an experiment to confirm the reasoning made upon an axis in peritrochio, first used in M. Perault's manner, then in the common way		
— — — — — <i>Desaguliers</i>	XXXVI 222	— 317
A farther examination of the above	— 228	— 20
— An account of two experiments of the friction of pulleys	<i>Desaguliers</i> XXXVII 394	— 322
— A method of lessening the quantity of friction in engines	<i>Fitzgerald</i> LIII 139	
— See <i>Engine</i> .		
FRIGHT. The case of Henry Axford, who recovered the use of his tongue after having been four years dumb, by means of a frightful dream		
— — — — — <i>Squire</i>	XLV 148	XI 958
FRIULI. Letter concerning the mines of mercury in Friuli	<i>Pope</i> I 21	II 577
— A letter concerning the mines of Friuli; confirming as well the account given on that subject, vol. I. p. 21, as enlarging the same with some additions	<i>Brown</i> IV 1080	— 579
FROGS. The phenomena afforded by them in an exhausted receiver	<i>Boyle</i> V 2015	— 523
— Anatomical observations on the structure of the lungs of frogs, tortoises, &c. and perfecter animals	<i>Malpighi</i> VI 2149	— 817
— Observations about generation by an animalcula of the male seed: animals in the seed of a frog: and some other observables in the parts of a frog	<i>Leeuwenhoek</i> XIII 347	III 684
— Some observations made on the spawn of frogs, and the production of tadpoles therein	<i>Waller</i> XVII 523	II 818
— Letter on animalcula in the excrements of frogs	<i>Leeuwenhoek</i> XXII 509	III 688
FROG FISH. Some account of the rana piscatrix	<i>Parsons</i> XLVI 126	XI 866
— — — — — <i>Edwards</i>	LI 653	

Frost. Method of taking celes in frosty weather	Transf.	Abridg.
— An experiment concerning the progress of artificial congelation, and the remarkable accidents therein, observed by the Florentine philosophers <i>Anon.</i>	I 323	II 837
— An account of a strange frost which hath done much hurt about Bristol; together with some useful hints suggested upon that occasion <i>Beale</i>	V 2020	— 252
A confirmation of the account <i>Wallis</i>	VII 5138	— 150
— Advertisements occasioned by the remarks printed in N° 14, upon frosts in some parts of Scotland, differing in their anniversary seasons and force from our ordinary frosts in England <i>Beale</i>	VIII 5196	— 152
— A discourse concerning the effects of the great frost on trees and other plants in 1683; drawn from the answers to some queries sent into divers countries by R. Plott, and from several observations made at Oxford by J. Bobart	X 337	
— A discourse concerning the rising and falling of the quicksilver in the barometer, and what may be gathered from its great rise in frosty weather, as to a healthy or sickly season <i>Anon.</i>	XIV 766	— 155,751
— Some experiments about freezing, and the difference between common fresh water ice, and that of the sea water: also a probable conjecture about the original of the nitre of Egypt <i>Lifter</i>	— 790	— 18
— Some experiments about freezing <i>Desmesters</i>	XV 836	— 164
Further experiments about freezing <i>Desmesters</i>	XX 384	— 165
— An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point observed by a thermometer	— 439	— —
— An experiment touching the freezing of common water, and water purged of air <i>Hauksbee</i>	XXVI 267	IV 2 182
— An account of an experiment touching the freezing of common water tinged with a liquid, said to be extracted from shell-lac <i>Hauksbee</i>	— 302	— — —
— The history of the great frost in the winters 1708 and 1709 <i>Derham</i>	— 304	— — —
— A letter concerning the frost in January 1730-1 <i>Derham</i>	— 454	— — 113
— Experiments and observations of the freezing of water in vacuo <i>Fahrenheit</i>	XXXVII 16	IV 275
	XXXIII 78	VI 2 51
		— A le

	Transf.	Abridg.
— A letter concerning an extraordinary instance of the almost instantaneous freezing of water; and giving an account of tulips, and such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground - - - <i>Triewald</i>	XXXVII 79	VI 2 54
— An examination of sea water frozen, and melted again, to try what quantity of salt is contained in such ice: made in Hudson's Straights by captain Christopher Middleton, at the request of C. Mortimer - <i>Middleton</i>	XLI 806	VIII 643
— The supposed effect of boiling upon water, in disposing it to freeze more readily, ascertained by experiments - <i>Black</i>	LXV 124	
— An account of the success of some attempts to freeze quicksilver, at Albany Fort in Hudson's Bay, in the year 1775; with observations on the dipping needle - <i>Hutchins</i>	LXVI 174	
— Observations made during the late frost, at Northampton Jan. 1776 - <i>A. Fothergill</i>	— 587	
— An account of a most extraordinary degree of cold at Glasgow in January 1780; together with some new experiments and observations on the comparative temperature of hoar-frost and the air near to it; made at Glasgow - - - <i>Patrick Wilson</i>	LXX 451	
FRUIT. An experiment of making cherry-trees that have withered fruit to bear full and good fruit, and of recovering the almost-withered fruit - - - <i>Merret</i>	II 455	II 652
— Instances shewing the correspondence of the pith and timber with the seed of the plant; as also of the bark, or sap in the bark, with the pulp of the fruit, or some encompassing coat or cod containing the seed - <i>Beal</i>	IV 919	— 710
— A way of colouring leaves, fruit, &c. <i>Tonge</i>	V 2074	--681,752
— An easy way of raising Fruit Trees <i>Lewis</i>	VIII 6007	— 654
— A way of making all sorts of plants, trees, fruits, and legums, grow to an extraordinary bigness - <i>Anon.</i>	X 356	III 749
— Several experiments concerning the preserving of flowers, fruits, &c. - <i>Southwell</i>	XX 42	II 623,750
— Letter concerning some insects observed on fruit trees - <i>Leeuwenhoek</i>	XXII 659	III 686
— The effects which the farina of the blossoms of		

	Transf.	Abridg.
different sorts of apple-trees had on the fruit of a neighbouring tree - <i>Cook</i>	XLIII 525	I 602
— An account of some fossile fruits, and other bodies, found in the island of Shepey - <i>Parsons</i>	L 396	
— Experiments on checking the too luxuriant growth of fruit trees, tending to dispose them to produce fruit - <i>Fitzgerald</i>	LII 71	
FUCUS. A letter concerning the animal life of those corallines that look like minute trees and grow upon oysters and fucus's all around the sea-coast of this kingdom - <i>Ellis</i>	XLVIII 627	
FULLER'S EARTH. An account of the pits for Fuller's earth in Bedfordshire <i>Holloway</i>	XXXII 419	VI 2 220
FUNGUS. Observations on fungous excrescences of the bladder; a cutting forceps for extirpating those excrescences; and a canula for treating these diseases - <i>Le Cat</i>	XLVII 292	
FUNGUS. Observations on the poisonous qualities of some sorts of fungi - <i>W. Watson</i>	XLIII 51	X 790
— An account of a new species of fungus - <i>Martyn</i>	— 263	X 705
G.		
GALL. BEE. An account of a gall bee <i>Allen</i>	XX 376	II 785
GALL (BLADDER.) An extract of a letter containing microscopical observations on the gall and scales of fish - <i>Leeuwenhoek</i>	XVII 949	III 685
— — An essay upon the use of the bile in the animal œconomy, founded on an observation of a wound in the gall-bladder - <i>Stuart</i>	XXXVI 341	VII 572
— — A relation of an hydropical case, in which the gall-bladder was distended to an unusual bigness - <i>Tonge</i>	XXVII 426	V 292
— — Epistola de cadavere aperto, in quo non existit vesica fellea; et de streño gibboso - <i>Huber</i>	XLVI 92	XI 972
GALL STONES. An account of two extraordinary cases of gall-stones - <i>Johnston</i>	L 543	
GANGLIONS. History of a fœtus born with a very imperfect brain: to which is subjoined, a supplement of the essay on the use of ganglions - <i>Johnston</i>	LVII 118	
— Experiments in support of the uses ascribed to		

	Transf.	Abidg.
the glanellions of the nerves in Philosophical Transactions, vol. LIV and vol. LVII.		
- - - - - <i>Johnstone</i>	LX 30	
GANGRENE. A letter concerning a woman of 62 years of age, that lost her leg and greatest part of her thigh by a gangrene - <i>Colep</i>	XXVI 41	V 389
— A letter concerning the cure of dry gangrenes, together with a new-invented instrument for the extirpation of tumours out of the reach of the surgeon's fingers - <i>Le Cat</i>	XLVI 72	XI 1084
GARDEN. Account of damage done to Mr. Evelyn's garden by the preceding winter - <i>Evelyn</i>	XIV 559	II 153
— Some account of the remains of John Tradescant's garden at Lambeth - <i>William Watson</i>	XLVI 160	X 740
GARDENIA. An account of the plants Halesia and Gardenia - <i>Ellis</i>	LI 929	
— An account of the Gardenia - <i>Solander</i>	LII 654	
GARDENING. How to multiply crab-stocks, and propagate trees by layers - <i>Tonge</i>	V 2074	II 752
— Some communications on the season for transplanting vegetables - <i>Reed</i>	VI 2128	— 655
— Some considerations on the best season for transplantation - <i>Beal</i>	— 2144	— --
— Advertisements occasioned by the remarks printed in N° XIV. upon frosts in some parts of Scotland, differing in their anniversary seasons and force from our ordinary frosts in England: of black winds and tempests: of the warm and fertilizing temperature and steams of the earth, stones, rocks, springs, waters (some in some places more than others in other places) of petrifying and metallizing waters: with some hints for the horticulture of Scotland - <i>Brail</i>	X 337	
— An account of two observations in gardening, upon the change of colour in grapes and jessamine - <i>Cant</i>	XXXI 102	VI 2 340
GASCOIGNE. See <i>Micrometer</i> .		
GEASTER. An account of a plant called the geaster after volvæ radiis et operculo elevatis, little known or hitherto undescribed (Lat.) - <i>W. Watson</i>	XLIII 234	X 703
GENERATION. Some anatomical observations on the parts of generation - <i>Clark</i>	III 672	III 290
— Instances, hints, and applications, relating to a main point, solicited in the preface to this		

	Transf.	Abridg.
fourth volume concerning the use made of vaults, deep wells, and cold conservatories, to find out the cause, or to promote the generation of, salts, minerals, metals, crystals, gems, and stones of divers kinds - <i>Beale</i>	IV 1135	
— Some observations concerning the organs of generation - <i>King and De Graeff</i>	— 1403	III 192
— A letter concerning spontaneous generation - <i>Roy</i>	VI 2219	II 765
— An account of what hath been of late observed of eggs to be found in all sorts of females - <i>Kerkringius</i>	VII 4018	
— Letter on the parts of generation <i>Leeuwenhoek</i>	XIII 74	III 684
— Observations about generation, by an animalcula of the male seed; of animals in the seed of a frog: and of some other observables in the parts of a frog - <i>Leeuwenhoek</i>	— 347	— —
— An abstract of a letter concerning generation by an insect - <i>Leeuwenhoek</i>	XV 1120	II 911
— A discourse concerning the modern theory of generation - <i>Garden</i>	XVII 474	— 907
— Examination of the testicles of a rat, and the seed of muscles, oysters, &c. <i>Leeuwenhoek</i>	— 593	III 685
— An account of an egg found in the tuba fallopiana of a woman lately dissected; with several remarks touching generation <i>Buiffiere</i>	XVII 111	— 211
— Letter on the generation of animals - <i>Josephus de Aromatariis</i>	— 150	
— The history of the generation of an insect, called the wolf; with observations on insects bred in rain water, cheese, &c. <i>Leeuwenhoek</i>	— 194	III 685
— Of the manner of generation of eels <i>Allen</i>	XIX 664	II 837
— An account of a very large eel lately caught at Malden in Essex, with some considerations about the generation of eels - <i>Dale</i>	XX 90	— —
— An objection to the new hypothesis of the generation of animalcula in semine masculino - <i>Lifter</i>	— 337	III 685
— An extract of a letter concerning the generation of fleas - <i>Cestlone</i>	XXI 42	II 789
— Answer to the objections made to his opinions concerning the animalcula in semine masculino - <i>Leeuwenhoek</i>	XXI 270	III 686
— Several microscopical observations and experiments concerning the animalcula in se-		

	Transf.	Abridg.
mine mafculino of cocks and fpiders breath, &c. - <i>Leeuwenhoek</i>	XXXIII 1137	V 2 264
— Part of a letter containing fome microfcopical observations upon the animalcula in femine mafculino of young rams <i>Leeuwenhoek</i>	XXVII 316	— - 267
— Observations upon the generation of plants <i>Blair</i>	XXXI 216	VI 2 345
— On the præternatural ftructure of the genital parts of a woman - <i>Huxham</i>	XXXII 408	VII 546
History of the fame woman <i>Oliver</i>	— 413	— 548
— Letter on the generation of animals - - <i>Leeuwenhoek</i>	— 438	— 473
— A letter containing the account of a remarkable generation of infects at Annapolis in Mary- land - - <i>Lewis</i>	XXXVIII 119	IX 1
— Some reflections on generation and monfters, with a defcription of fome particular monfters - - - <i>De Superville</i>	XLI 294	— 304
— See <i>Conception, Eels, Fleas.</i>		
GENERATION (Natural Philofophy). Letter con- cerning the generation of hail, thunder and lightening, and the effects thereof <i>Wallis</i>	XIX 653	II 183
GENEVA. An accurate defcription of the lake of Ge- neva - - -	VII 5043	— 317
GENTIAN. An account of the poifonous root lately found among the Gentian <i>Brockleby</i>	XLV 240	X 772
GEOCENTRIC. Account of the eclipfes of Jupiter's fateellites for 1686, and a table of the parallaxes of Jupiter's orb; and an ephemeris of Jupi- ter's geocentric places for the fame year - - - <i>Flamftead</i>	XV 1215	I 453
GEOGRAPHY. A method for determining the geogra- phical longitude of places, from the appear- ance of the common meteor, called falling ftars - - - <i>Lynn</i>	XXXV 351	VI 400
— A letter containing a geographical defcription and map of the kingdom of Tunis; with a poftfcript relating to the cure of intermittent fevers in thofe parts - <i>Shaw</i>	XXXVI 177	— 423
— Some account of the knowledge of geography amongft the Chinefe - <i>Gaubil</i>	XLVI 327	X 255
— Of the beft form of geographical maps - - - <i>Murdock</i>	L 553	
— An account of two giants caufeways, or groups of prifmatic bafaltine columns, and other curi- ous volcanic concretions, in the Venetian ftate in Italy; with fome remarks on the characters		

	Transf.	Abridg.
of these and other similar bodies, and on the physical geography of the countries in which they are found - <i>Strange</i>		
— See <i>Maps</i> .	LXV 5	
GEOMETRY. Animadversions of Dr. Wallis upon Mr. Hobbes's book, <i>De Principiis & Ratiocinatione Geometrarum</i> - - - <i>Wallis</i>	I 289	
— An answer to Mr. Hobbes's <i>Refutatio Geometricum</i> - - - <i>Wallis</i>	VI 2202	I 247
— Considerations concerning the geometric and direct method of Signor Cassini, for finding the apogees, excentricities, and anomalies of the planets - - - <i>Mercator</i>	V 1168	— 253
— A direct and geometrical method by which the aphelia excentricities and proportions of the orbs of the primary planets are discovered, with us supposing the equality of the angle of motion at the other focus of the planet's ellipsis - - - <i>Halley</i>	XI 683	— 258
— Some remarkable specimens of the doctrine of fluxions, or examples wherein the use and excellence of that method in solving geometrical problems is shewn - - - <i>De Moivre</i>	XIX 52	— 34
— Universal solution of cubic and biquadratic equations, viz. analytical, geometrical, and mechanical - - - <i>Colson</i>	XXV 2353	IV 66
— A handful of geometrical flowers exhibited to the Royal Society by - - - <i>Guido Grandi</i>	XXXII 355	VI 67
— A discourse on the locus for three and four lines celebrated among the ancient geometers - - - <i>Pemberton</i>	LIII 496	
— Geometrical solutions of three celebrated astronomical problems - - - <i>Pemberton</i>	LXII 434	
— Propositions selected from a paper on the division of right lines, surfaces, and solids <i>Glenie</i>	LXVI 73	
GEORGE II. Observations concerning the body of his late majesty, Oct. 26, 1760 - - - <i>Nicholls</i>	LII 265	
GERMANY. Some observations on the country of Germany - - - <i>Brice</i>	LVI 229	
GIANT. Account of one Edward Melloon, born at Port Leicester in Ireland, who was of an extraordinary size - - - <i>Musgrave</i>	XX 184	III 1
— An essay concerning giants; occasioned by some further remarks on the large human os frontis, or forehead bone, mentioned in the Ph. Transf. vol. XV. page 880 - - - <i>Molyneux</i>	XXII 487	— 2
— A picture of the size of a gigantic bone; with a		problem

	Transf.	Abridg.
problem for determining the size of the giant according to the rules of the art of drawing		
— — — — — <i>Klein</i>	XLI 308	IX 311
— See <i>Skeleton</i> .		
GIANTS CAUSEWAY Letter concerning the Giants Causeway in Ireland — <i>Sir R. B.</i>	XVII 708	II 511
— — — — — An account of the Giants Causeway in Ireland — <i>Foley</i>	XVIII 170	— 512
— — — — — Answers to Sir Richard Buckeley's queries relating to the Giants Causeway; wrote down when we were upon the causeway <i>Anon.</i>	— 173	— 513
— — — — — Some notes upon the foregoing account, serving to further illustrate the same <i>Molyneux</i>	— 175	— —
— — — — — Some additional observations on the Giants Causeway in Ireland — <i>Molyneux</i>	XX 209	— 514
— — — — — An account of the Giants Causeway in Ireland — <i>Pococke</i>	XLV 124	X 594
— — — — — Further account of the Giants Causeway in the county of Antrim in Ireland <i>Pococke</i>	XLVIII 226	
— — — — — Letter on the same subject — <i>Pococke</i>	— 238	
— — — — — Remarks on the stones in the county of Nassau, and the territories of Treves and Colen, resembling those of the Giants Causeway in Ireland — <i>Tremblay</i>	XLIX 581	
— — — — — An account of a production of nature at Dunbar in Scotland, like that of the Giants Causeway in Ireland — <i>Bp. Ossory</i>	LII 98	
— — — — — An account of some productions of nature in Scotland resembling the Giants Causeway in Ireland — <i>Mendez da Costa</i>	— 103	
— — — — — An account of two giants causeways, or groups of prismatic basaltine columns, and other volcanic concretions, in the Venetian state in Italy; with some remarks on the characters of those and other similar bodies, and on the physical geography of the countries in which they are found — <i>Strange</i>	LXV 5	
— — — — — An account of a curious giants causeway, or group of angular columns, newly discovered in the Euganean Hills, near Padua in Italy — <i>Strange</i>	— 418	
GIBRALTAR. See <i>Bones</i> .		
GILLAROO TROUT. Of the gillaroo trout <i>Barrington</i>	LXIV 116	
— — — — — Account of the stomach of the gillaroo trout — <i>Henry Watson</i>	— 121	
— — — — — Observations on the gillaroo trout, com-		

	Transf.	Abridg.
monly called in Ireland the gizzard trout - - - <i>John Hunter</i>	LXIV 310	
GIN-SENG. The description of a Tartarian plant, called gin-seng; with an account of its virtues - - - <i>Jartoux</i>	XXVIII 237	IV 2 314
— A new genus of plants called araliastrum, of which the famous zin-zin, or gin-seng of the Chinefe, is a species - <i>Vaillant</i>	XXX 705	— - 319
GIRARD (ALBERT). An explication of an obscure passage in Albert Girard's commentary upon S. Stevens's works - <i>Simpson</i>	XLVIII 368	
GIRL. An account of a girl in Ireland who had fe- veral horns growing on her body <i>Ash</i>	XV 1202	III 12
— An extraordinary case of three pins swallowed by a girl, and discharged at her shoulder - - - <i>Lysons</i>	LIX 9	
GIZZARD. Letter concerning a pin found in the gi- zard of a fowl - <i>Regnard</i>	XXIV 2055	V 53
GIZZARD TROUT. See <i>Gillaroo Trout</i> .	LXIV 310	
GLANDS. Remarks on the glandulæ renales <i>Tyson</i>	XII 1039	III 146
— Letter concerning a horn hanging to the neck of an ox; with observations on horns and glandules in general - <i>Malpighius</i>	XIV 601	II 865
— Observations of a large bed of glands observed in the stomach of a pike - <i>Musgrave</i>	— 699	III 93
— An extract giving an account of a large præter- natural glandulose substance found between the heart and pericardium of an ox - - - <i>Philosophical Society at Oxford</i>	XV 860	— 69
— A remarkable account of a liver appearing gland- ulous to the eye - <i>Brown</i>	— 1266	— 83
— A relation of a petrified glandula pinealis, late- ly found in the dissection of a brain <i>King</i>	XVI 228	— 157
— An account of an extraordinary hæmorrhage at the glandula lacrimalis - <i>Anon.</i>	XVIII 51	— 152
— An account of two glands, and their excretory ducts, lately discovered in human bodies <i>Cowper</i>	XXI 364	— 194
— An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera <i>Douglas</i>	XXV 2317	V 274
— An account of an excretory duct from the gland- ula renalis - - - <i>Valsalva</i>	XXXIII 190	VII 540
— An enquiry into a discovery said to have been made by Signor Valsalva of an excretory duct, from the glandula renalis to the epididymis - - - <i>Ranby</i>	— 270	— 541

	Transf.	Abridg.
— An account of a large glandular tumor in the pelvis; and of the pernicious effects of crude mercury given inwardly to the patient <i>Cantwell</i>	XL 139	IX 184
GLASS. The recovery of the art of making red glafs - - - <i>Colepreffe</i>	III 743	III 685
— A method of making a gold-coloured glazing for earthen ware - - - <i>Heinfus</i>	XLII 188	IX 499
— A dissertation on the antiquity of glafs in windows - - - <i>Nixon</i>	L 601	
— Additional observations upon some plates of white glafs found at Herculaneum - <i>Nixon</i>	LII 123	
GLASS. (Electricity). An account of an experiment touching the extraordinary electricity of glafs, produceable on a smart attrition of it; with a continuation of experiments on the same subject, and other phænomena - <i>Hauksbee</i>	XXV 2327	IV p. 2. 180
- - - <i>Hauksbee</i>	— 2332	— - -
— Several experiments shewing the strange effects of the effluvia of glafs, produceable on the motion and attrition of it - <i>Hauksbee</i>	— 2272	— - -
— An account of the repetition of an experiment touching motion in given bodies included in a glafs by the approach of a finger near its outside: with other experiments on the effluvia of glafs - - - <i>Hauksbee</i>	XXVI 82	— - 181
— Part of a letter concerning the light caused by quicksilver shaken in a glafs tube, proceeding from electricity - <i>Trembley</i>	XLIV 58	X 321
— A letter shewing, that the electricity of glafs disturbs the mariner's compass, and also nice balances - - - <i>Robins</i>	— 242	— 328
— Extract of a letter on the electricity of glafs that has been exposed to strong fires - <i>Bose</i>	XLVI 189	— 329
— Letter declaring that he, as well as many others, have not been able to make odours pass through glafs by means of electricity; and giving a particular account of professor Bose at Wittenberg, his experiment of beatification, or causing a glory to appear round a man's head by electricity - <i>William Watson</i>	— 348	— 410
— Observations and experiments tending to confirm Dr. Ingenhoufz's theory of the electrophorus; and to shew the impermeability of glafs to the electric fluid - <i>Henry</i>	LXVIII 1046	
GLASSES. (Natural History). Observations concerning keeping fish in glasses - <i>Ardern</i>	XLV 231	
— An account of glasses of a new contrivance for	D d	preserving

	Transl.	Abridg.
preserving pieces of anatomy, or natural history, in spirituous liquors - <i>Le Cat</i>	XLVI 6	— 1349
Continued - <i>Le Cat</i>	— 88	—
— On the crystalizations observed on glass <i>Keir</i>	LXVI 530	—
GLASS (OPTICS). An account of the improvement of optic glasses - <i>Campani</i>	I 2	I 193
— Mr. Hook's treatise entitled, An account of micrographia, or the physiological description of minute bodies made by magnifying glasses - <i>Oldenburg</i>	I 27	—
— Judgment touching the apertures of object glasses and their proportions, in respect of the several lengths of telescopes, together with a table thereof - <i>Auzout</i>	— 55	I 191
— Considerations upon Mr. Hook's new instrument for grinding of optic glasses - <i>Auzout</i>	— 56	— 215
Mr. Hook's answer - <i>Hook</i>	— 63	— 192
— A farther account touching Signor Campani's book and performances about optic glasses - <i>Auzout</i>	— 69	—
Sig. Campani's answer, and M. Auzout's animadversions thereon <i>Campani and Auzout</i>	— 74	—
— Of M. Hevelius's promise of imparting to the world his invention of making optic glasses, and of the hopes given by M. Hugen of Zullichem, to perform something of the like nature; as also of the expectations conceived of some ingenious persons in England to improve telescopes <i>Hevelius, Hugen, and Du-Sons</i>	— 98	— 193
— Of M. de Sons progress in working parabolic glasses - <i>Oldenburg</i>	— 119	—
— Instance to Mr. Hook for communicating a contrivance of making, with a glass of a sphere of 20 or 40 foot diameter, a telescope drawing several hundred feet; and his offer of recompensing that secret with another, teaching to measure with a telescope the distances of objects from the earth - <i>Auzout</i>	— 122	—
— An account of the trials made in Italy of Campani's new optic glasses - <i>Anton.</i>	— 131	I 485
— A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual - <i>Hook</i>	— 202	I 193
— A contest between two artists about optic glasses - <i>Campani and Divini</i>	— 209	—
		— An

	Transf.	Abridg.
— An observation of optic glasses made of rock crystal - <i>Divini</i>	— 362	— 195
— An account of the invention of grinding optic and burning glasses of a figure not spherical - <i>Smethwicke</i>	III 631	— 194
— Method of polishing telescopic glasses by a turn-lathe; as also the making of an extraordinary burning glass at Milan - <i>Anon.</i>	— 795	— —
— The description of a way said to be new and universal, for working convex spherical glasses upon a plane for all practicable lengths, without other dishes or concave moulds - <i>Mancini</i>	III 837	
— The generation of an hyperbolical cylindroid demonstrated, and the application thereof for grinding hyperbolical glasses hinted at - <i>Wren</i>	IV 961	I 188
— A description of Dr. Chr. Wren's engine designed for grinding hyperbolical glasses, as it was in a manner promised, vol. III. p. 962 - <i>Wren</i>	— 1059	— 189
— The effects of the different refractions of the rays in telescopic glasses - <i>Anon.</i>	VIII 6086	— 156
— A sure and easy way to make all sorts of great telescopic glasses, with a generous offer of furnishing industrious astronomers with them - <i>Borelli</i>	XI 691	— 195
— Letter about the making of microscopes with very small and single glasses, and of some other instruments - <i>Butterfield</i>	XII 1026	— 208
— A dioptrick problem why four convex glasses in a telescope shew objects erect - <i>Molyneux</i>	XVI 169	— 189
— A way for myopes to use telescopes without eye-glasses; an object becoming as useful to them, and sometimes more, than a combination of glasses - <i>Desaguliers</i>	XXX 1017	IV 188
— A new method of improving and perfecting catadioptrical telescopes, by forming the speculums of glass instead of metal - <i>Smith</i>	XLI 326	VIII 113
— Letters relating to a theorem of Mr. Euler, for correcting the aberrations in the object-glasses of refracting telescopes; by - <i>Short, Euler, and Dollond</i>	XLVIII 287	
— A report concerning the microscope glasses sent as a present to the Royal Society by father Torre of Naples - <i>Baker</i>	LVI 67	
— A method of working the object glasses of refracting telescopes truly spherical - <i>Short</i>	LIX 507	
GLASS. (Natural Philosophy). An account of an exper-		

	Transl.	Abridg.
riment touching the direction of a drop of oil of oranges, between two glass planes, towards any side of them that is nearest pressed together		
— <i>Hauksbee</i>	XXVII 395	IV 2 182
— An account of an experiment concerning the angle required to suspend a drop of oil of oranges at certain stations, between two glass planes, placed in the form of a wedge		
— <i>Hauksbee</i>	— 473	— — —
— Part of a letter concerning the ascent of water between two glass planes	— 538	— 423
— <i>Taylor</i>	— 539	IV 2 182
— <i>Hauksbee</i>		
— An account of an experiment touching the proportions of the ascent of spirit of wine between two glass planes, whose surfaces were placed at certain different distances from each other		
— <i>Hauksbee</i>	XXVIII 151	— — 183
— Account of some further experiments	— 153	— — —
— Further account	— 155	— — —
— An account of some new experiments relating to the action of glass tubes upon water and quicksilver		
— <i>Jurin</i>	XXX 1083	IV 428
— Two letters concerning the rotatory motion of glass tubes about their axis, when placed in a certain manner before the fire		
— <i>Wheler</i>	XLIII 341	X 551
— An account of some experiments lately made in Holland, upon the fragility of unannealed glass vessels		
— <i>Anon.</i>	— 505	XI 1343
— A memoir on the Lacrymæ Batavica, or glass drops; the tempering of steel and effervescence, accounted for by the same principle		
— <i>Le Cat</i>	— 175	X 560
— Experiments and observations on the agreement between the specific gravities of the several metals and their colours, when united to glass, as well as those of their other proportions		
— <i>Deloval</i>	LV 10	
GLETSCHER. Letter concerning the icy and crystalline mountains of Helvetia, called the Gletscher		
— <i>Muralus</i>	IV 982	II 465
— A further description and representation of the icy mountain, called the Gletscher, in the canton of Berne in Helvetia		
— <i>Fussler</i>	VIII 6191	— —
GLOBE. The description of a celestial globe made by M. Didier		
— <i>L'Alleman</i>	XII 905	— 378
— A proposal to make the poles of a globe of the		

heavens

	Transf.	Abridg.
heavens move in a circle round the poles of the ecliptic - - - <i>Latham</i>	XL 201	VIII 217
— A contrivance to make the poles of the diurnal motion in a cœlestial globe pass round the poles of the ecliptic - - - <i>Senex</i>	— 203	— 217
— An account of an improvement in the terrestrial globe - - - <i>Harris</i>	XLI 321	VIII 352
— An improvement of the cœlestial globe <i>Ferguson</i>	XLIV 535	X 156
— Letter concerning the large globes prepared by her late husband, and now sold by herself - - - <i>Mrs. Senex</i>	XLVI 290	— 158
GLOBES (Natural philosophy). An account of experiments relating to odours passing through electrified globes and tubes - - - <i>Winkler</i>	XLVII 231	
— An account of the result of some experiments made here with globes or tubes, transmitted by M. Winkler, in order to verify the facts above-mentioned - - - <i>W. Watson</i>	— 236	
GLOW-WORMS. Some observations concerning glow-worms - - - <i>Templer</i>	VI 2177	II 760
— Further observations - - - <i>Templer</i>	— 3035	— —
— Observations on the cicindela volans, or flying glow-worm; with the figure - - - <i>Waller</i>	XV 841	— 761
GNATS. Letter concerning gnats - - - <i>Leeuwenhoek</i>	XXII 509	III 688
— Some observations on swarms of gnats, particularly on one seen at Oxford Aug. 20, 1766 - - - <i>Swinton</i>	LVII 111	
GODFREY. See <i>Quadrant</i> .		
GOLD. Of the incalcescence of quicksilver with gold - - - <i>B. R.</i>	X 515	II 580
— Experiments of refining gold with antimony - - - <i>Goddard</i>	XII 953	— 595
— A way of gilding gold upon silver - - - <i>Southwell</i>	XX 296	III 657
— A method of making a gold-coloured glazing for earthen-ware - - - <i>Heinsius</i>	XLII 188	IX 499
— Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigris and false leaf-gold with aquafortis - - - <i>Baker</i>	LIV 15	
GONIOMETRY. Extract of a letter containing a commodious disposition of equations for exhibiting the relations of goniometrical lines - - - <i>Jones</i>	XLIV 560	X 14
GOOD HOPE. See <i>Cape</i> .		
GOOSEBERRIES. An extract of a letter containing microscopical observations on the seeds of gooseberries - - - <i>Leeuwenhoek</i>	XVII 949	III 685
GORGONIA. On the nature of the gorgonia; that it		

	Transl.	Abridg.
is a real marine animal, and not of a mixed nature, between animal and vegetable <i>Ellis</i>	LXVI 1	
GOUT. An abstract of a letter concerning the parts of the brain of several animals, the chalk-stones of the gout, the leprosy, and the scales of eels - <i>Leeuwenhoek</i>	XV 883	III 684
— An extract of a letter concerning the causes of the gout - <i>Pinelli</i>	XXXV 491	VII 623
GOZO. See <i>Coin</i> .		
GRAFT. Some communications on the descent of sap - <i>Reed</i>	VI 2128	II 690, 775
Some considerations on Mr. Reed's letter, shewing in what sense the sap may be said to descend, and to circulate in plants, and the graft to communicate with the stock - <i>Beal</i>	— 2144	— 690
GRAIN. Of the weight of a cubic foot of divers grain - <i>Phil. Soc. at Oxford</i>	XV 926	I 522
Further list of the specific gravities of bodies - <i>Anon.</i>	— 927	— 523
— Letter about the grains resembling wheat which fell lately in Wiltshire - <i>Cole</i>	XVI 281	
GRANARIES. A description of several kinds of granaries, as those of London, of Dantzick, and in Muscovy - <i>Merret and others</i>	II 464	II 628
GRANGE (LE). Observations on the case of Mr. Le Grange - <i>Stuart</i>	XL 325	IX 146
GRANTHAM. See <i>Pavement</i> .		
GRAPES. An account of two observations in gardening, upon the change of colour in grapes and jessamine - <i>Cane</i>	XXXI 102	VI 2 340
GRASS. An account of grafs found in the wind-pipes of some animals - <i>Anon.</i>	I 100	II 869
— An account of the burning of several hay-ricks by a fiery exhalation or damp; and of the infectious quality of the grafs of several grounds - <i>Floyd</i>	XVIII 49	— 181
— Part of two letters concerning several plants which may be usefully cultivated for producing grafs or hay - <i>Liffler</i>	XIX 412	I 748
— A letter concerning the grubbs destroying the grafs in Norfolk - <i>Baker</i>	XLIV 576	XI 821
— An account of an inverted iris observed on the grafs in September, and another in October 1751 - <i>Webb</i>	XLVII 248	
GRASSHOPPERS. An account of an extraordinary swarm of grasshoppers in Languedoc - <i>Jussell</i>	XVI 147	II 788
GRAVIDATION. An account of a notable case of a		dropfy,

	Transf.	Abridg.
dropfy, mistaken for gravitation in a young woman; enlarging the observation of the same case, made by Dr. Tulpus - <i>Anon.</i>	IX 131	III 139
GRAVITY (in general). On the center of gravity of hyperbola's - - <i>Wallis</i>	VII 5074	
— A discourse concerning gravity and its properties, wherein the descent of heavy bodies and the motion of projects is briefly but fully handled: together with the solution of a problem of great use in gunnery - <i>Halley</i>	XVI 3	— 472
— Experiments concerning the time required in the descent of different bodies, of different magnitudes and weights, in common air, from a certain height - - <i>Hauksbee</i>	XXVII 196	— 182
— Of the figure of the earth, and the variation of gravity on the surface - <i>Stirling</i>	XXXIX 98	VIII 324
— Astronomical observations made in the forks of the river Brandivine in Pennsylvania, for determining the going of a clock sent thither by the Royal Society, in order to find the difference of gravity between the Royal Observatory at Greenwich and the place where the clock was set up in Pennsylvania <i>Mason and Dixon</i>	LVIII 329	
— On the computation of the sun's distance from the earth by the theory of gravity <i>Horsley</i>	LIX 153	
— Reflections on the communication of motion by impact and gravity - <i>Milner</i>	LXVIII 344	
GRAVITY. (Specific). An invention for estimating the weight of water in water with ordinary balances and weights - <i>Boyle</i>	IV 1001	I 520
— Of the weight of a cubic foot of divers grains - - <i>Phil. Soc. at Oxford</i>	XV 926	— 522
— A further list of specific gravities of bodies - - <i>Anon.</i>	— 927	— 525
— A discourse on this problem; why bodies, dissolved in menstrua specifically lighter than themselves, swim therein <i>W. Molyneux</i>	— 88	— 355
Some reflections on the foregoing paper - - <i>T. Molyneux</i>	— 95	— 537
— Observations on the comparative, intensive or specific gravities of various bodies <i>J. C.</i>	XVII 694	— 524
— An account of an experiment touching the proportion of the weight of air to the weight of a like bulk of water, without knowing the quantity of either - <i>Hauksbee</i>	XXV 2221	IV 2 180
— An experiment touching the weighing of bodies of the same species, but of very unequal sur-		

	Transf.	Abridg.
faces in common water, being of an equal weight in common air - <i>Hauksbee</i>	XXVI 306	- - 181
— Of several metalline cubes, in comparison with their like bulks of water - <i>Hauksbee</i>	XXVII 521	
— A description of the several strata of earth, stone, coal, &c. found in a coal-pit at the west end of Dudley, Staffordshire. To which is added, a table of the specific gravity of each stratum - <i>Fettiplace and Hauksbee</i>	— 541	— - 182
— A caution to be used in examining the specific gravity of solids by weighing them in water - <i>Jurin</i>	XXXI 223	VI 327
— The specific gravities of certain matters observed at different times for various purposes - <i>Fahrenheit</i>	XXXIII 114	VI 329
— A letter concerning the specific gravity of diamonds - <i>Ellicott</i>	XLIII 468	X 612
— Tables of specific gravities; extracted from various authors; with some observations upon the same - <i>Davies</i>	XLV 416	— 206
— An essay towards ascertaining the specific gravity of living men - <i>Robertson</i>	L 30	
— Experiments and observations on the agreement between the specific gravities of the several metals and their colours when united to glass, as well as those of their other proportions - <i>Delaval</i>	LV 10	
— A course of experiments to ascertain the respective weights and buoyancy of salt water and fresh water, and for determining the exact weight of human and other bodies in fluids - <i>Wilkinson</i>	— 95	
GREATRIX. A letter concerning the cures done by Mr. Greatrix the stroker - <i>Thoresby</i>	XXI 332	II 11
GREECE. Observations in travels from Venice through Istria, Dalmatia, Greece, and the Archipelago to Smyrna - <i>Vernon</i>	XI 573	
GREEK. An attempt to explain an antient Greek inscription engraven upon a curious bronze cup with two handles, and published with a draught of the cup by Dr. Pococke, in his description of the East, vol. II. part II. pag. 207 - <i>Ward</i>	XLVI 488	X 1278
— Remarks on a Parthian coin with a Greek and Parthian legend - <i>Swinson</i>	L 175	
— Some observations on an inedited Greek coin of Philistis queen of Syracuse, Malta and		

Gozo, who had been passed over in silence by all the ancient writers	- Swinton	Transf. LX 80	Abridg.
— An enquiry into the value of Greek and Roman money	- Raper	LXI 462	
GREEK. See <i>Cain</i> .			
GREEN HOUSE. An account of the lately-invented stove for preserving plants in the green-house in winter	- <i>Cullum</i>	XVIII 191	II 750
GREENE. An account of the death of Dr. Greene, by a hurt in riding out	- <i>Cameron</i>	XLIV 609	XI 1112
GREENLAND. Inquiries to be made in Greenland	- <i>Royal Society</i>	II 554	III 631
GREEN WEEDS GROWING IN WATER. Letter concerning green weeds growing in water, and animalculæ found about them	- <i>Leeuwenhoek</i>	XXIII 1304	
Two letters from a gentleman in the country relating to the same	- <i>Anon.</i>	— 1494	V 2 225
GREENWICH. A letter concerning observations to be made on the parallax of the moon at St. Helena, and recommending the same to be made at Paris and Greenwich. to settle the difference of longitude between Paris and St. Helena	- <i>De La Caille</i>	LII 21	
- - - - -	- <i>Maskeelyne</i>	— 26	
GREYHOUND. An account of an animal resembling a whelp voided per anum, by a male greyhound	- <i>Hailey</i>	XIX 316	II 904
GRINDING. An account of the invention of grinding optick and burning glasses of a figure not spherical	- <i>Smeathwicke</i>	III 631	I 194
GROIN. Letter concerning the bones of a human fœtus voided through an imposthume in the groin	- <i>Skippon</i>	XXIV 2077	
— Of a bubonocèle, or rupture in the groin, and the operation made on it	- <i>Amyand</i>	XL 361	IX 161
GROTTA DE' CANI. Extract of the observations made in Italy on the Grotta de' Cani	- <i>Nollet</i>	XLVII 43	
GROUND. An uncommon sinking of the ground at Lyme in Kent	- <i>Anon.</i>	XXXV 551	VI 2 203
— A narrative of an extraordinary sinking down and sliding away of some ground at Fardines, near Auvergne	- <i>Anon.</i>	XLI 272	VIII 704
— An account of the sinking down of a piece of ground at Horfeord in Norfolk	- <i>Arderon</i>	XLIII 527	X 307
— Observations on the heat of the ground on mount Vesuvius	- <i>Howard</i>	LXI 53	
GRUBBS. A letter concerning the grubbs which destroy the grafs in Norfolk	- <i>Baker</i>	XLIV 576	XI 171

	Trans.	Abridg.
GUAIANA. Inquiries for Guaiana and Brasil		
— <i>Royal Society</i>	II 422	III 632
GUILDING. A way of gilding gold upon silver		
— <i>Southwell</i>	XX 296	— 657
GUINEA. Inquiries to be made in Guinea	II 472	— 632
— A catalogue of some Guinea plants sent to James Petiver, with their native names and virtues, and remarks on them by <i>Petiver</i>	XIX 677	II 752
GULLET. An account of a wound which the late lord Carpenter received at Brihuega, where a bullet remained near his gullet for a year, wanting a few days	XL 316	
GUM LAC. Experiments of the luminous qualities of amber, diamonds, and gum lac	XXVI 69	IV 2 275
GUNNERY. Experiments for improvement in the art gunnery, viz. the point-blank distance, the quantity of powder for the just charge of any piece, and what gun shoots farthest	II 473	I 495
— A description of the uses of a certain powder for yeilding very close and smooth metal, and of easy carriage, &c. (for casting of guns)	VIII 6040	II 557
— An account of some experiments for trying the force of great guns	XV 1090	I 495
— A discourse concerning gravity and its properties, wherein the descent of heavy bodies, and the motion of projects, is briefly but fully handled; together with the solution of a problem of great use in gunnery	XVI 3	— 472, 473
— An account of an experiment of shooting by the rarefaction of the air	— 21	— 496
— A proposition of general use in the art of gunnery; shewing the rule of laying a mortar to pass, in order to strike any object above or below the horizon	XIX 68	— 481, 483
— The report of the committee of the Royal Society appointed to examine some questions in gunnery	XLII 172	VIII 253
GUN POWDER. Experiments for improvement in the art of gunnery, viz. the point-blank distance, the quantity of powder for the just charge of any piece, and what gun shoots farthest	II 473	I 493
— An extract of a letter containing several observations on gun-powder	XVII 754	III 685
— An experiment of firing gun-powder on a red-hot iron in vacuo	XXIV 1806	IV 2 171
— An account of an experiment touching the quantity of air produced from a certain		quantity

	Transl.	Abridg.
quantity of gun-powder fired in common air - - - - - <i>Hauksbee</i>	XXV 2409	IV 2 181
— The force of fired gun-powder, and the initial velocities of cannon balls determined by experiments; from which is also deduced the relation of the initial velocity to the weight of the shot and the quantity of powder <i>Hutton</i>	LXVIII 50	
— A new theory of gun-powder <i>Ingenhoufsz</i>	LXIX 376	
GUN-SHOT WOUND. Case of a boy who died of a gun-shot wound - <i>Woolcomb</i>	LX 94	
GUNTER'S SCALE. The construction of the loga- rithmic lines on Gunter's scale <i>Robertson</i>	XLVIII 96	
GURNARD (YELLOW). A description of the <i>cuculus levis caeruleo-flavescens, cui in supremo capite bronchiarum opercula</i> , or the yellow gurnard - - - - - <i>Tyson</i>	XXIV 1749	V 36
GUTS. Some anatomical observations and experi- ments concerning the unalterable characters of the whiteness of the chyle within the lacteous veins; together with divers particulars observ- ed in the guts, especially several sorts of worms found in them - <i>Lifter</i>	VIII 6060	II 696
— The anatomy of the slime within the guts, and the use thereof - <i>Leeuwenhoek</i>	XIV 586	III 684
— Some observations on wounds in the guts - - - - - <i>Amyand</i>	XXXIX 329	IX 153
— An instance of the gut ilium cut through by a knife, and cured - <i>Travers</i>	L 35	
GYMNOTUS ELECTRICUS. Experiments and observa- tions on the gymnotus electricus, or electrical eel - <i>Williamson</i>	LXV 94	
— An account of the electrical eel <i>Garden</i>	— 102	
— An account of the gymnotus electricus - - - - - <i>J. Hunter</i>	— 395	

H.

HADLEY. A letter concerning observations with Mr. Hadley's reflecting telescopes <i>Pound</i>	XXXII 382	VI 221
HÆMATITES. Extract of some letters concerning iron ore, and more particularly of the hæma- tites wrought into iron at Melthorp forge in Lancashire - <i>Sturdie</i>	XVII 695	II 551
HÆMOPTYSIS. An uncommon case of an hæmop- tyfis - <i>Darwen</i>	LI 526	

	Transf.	Abridg.
HÆMORRHAGE. An account of an extraordinary hæmorrhage at the glandula lacrimalis - <i>Anon.</i>	XVIII 51	III 252
— Letter concerning a very extraordinary periodical hæmorrhage - <i>Musgrace</i>	XXII 864	V 239
— Two remarkable medical cases; one of an extraordinary hæmorrhage, the other of an ascites, cured by tapping - <i>Banyer</i>	XLII 626	IX 151, 193
— Experiments concerning the use of the agaric of oak in stopping hæmorrhages <i>Sharp and Warner</i>	XLVIII 588	
HAIL. An account of hail-stones of an unusual bigness; with reflections on them <i>Fairfax</i>	II 481	
— The relation of a storm of thunder, lightning, and hail, at Oundle in Northamptonshire - <i>W. R.</i>	XVII 710	
— Extract of a letter giving an account of an unusual storm of hail, which fell at Lisle in Flanders May 25, 1686 - <i>Anon.</i>	— 858	II 145
— Account of an extraordinary hail in Cheshire April 29, 1697 - <i>Halley</i>	XIX 570	— —
— A larger account of the same storm <i>Anon.</i>	— 572	— 146
— An account of a great hail storm at Hitchin in Hertfordshire May 4, 1697 - <i>Taylor</i>	— 577	— 147
— Relation of a great hail-storm in Herefordshire in June 6, 1697 - <i>Anon.</i>	— 579	— —
— Another account of the same storm in Monmouthshire - <i>Lbrwyd</i>	— —	— 148
— Letter concerning the generation of hail, thunder and lightning, and the effect thereof <i>Wallis</i>	— 653	— 183
— A letter giving an account of the damage done by a storm of hail, which happened near Rotherham in Yorkshire - <i>Thoresby</i>	XXVII 514	IV 2 109
— An account of an extraordinary storm of hail in Virginia July 9, 1758 - <i>Fauquier</i>	L 746	
HAIR. Microscopical observations on the structure of the hair - <i>Leeuwenhoek</i>	XII 1003	
— An account of balls of hair taken from the uterus and ovaria of several women <i>Yonge</i>	XXV 2387	
— Account of a bunch of hair voided by urine - <i>Yonge</i>	XXVI 414	V 284
— Observations on the case related by Mr. Yonge - <i>Leeuwenhoek</i>	— 416	— —
— Case of a gentlewoman who voided with her urine hairy crustaceous substances; with Sir H. Sloane's answer, containing several observations of extraordinary substances voided by the urinary passages <i>Powell and Shane</i>	XLI 699	IX 180
— Case of hair voided by urine - <i>Knigh</i>	— 705	— 182
		— Ob-

	Transf.	Abridg.
— Observatio de ovarii featomate & de pilis ibidem inventis - <i>Haller</i>	XLIII 71	XI 1009
— Part of two letters concerning the sparkling of flannel and the hair of animals in the dark - <i>Cooke</i>	XLV 394	X 343
HAIR (Astronomy). Some remarks upon the method of observing the differences of right ascension and declination by cross hairs in a telescope - <i>Halley</i>	XXXI 113	VI 165
HALES. The conclusion of Dr. Defaguliers' account of Mr. Hales's vegetable staticks <i>Defaguliers</i>	XXXV 323	VI 2 158
— Thoughts on Dr. Hales's new method of distillation by the united force of air and fire - <i>Brownrigg</i>	XLIX 534	
HALESIA. An account of the plants halcia and gardenia - <i>Ellis</i>	LI 929	
HALLEY. Some remarks on the variation of the magnetical compass, published in the memoirs of the Academy of Sciences, with regard to the general chart of those variations made by Halley; as also concerning the longitude of Magellan Straights - <i>Anon.</i>	XXIX 165	IV 453
— A true copy of a paper found in the hand-writing of Sir Isaac Newton, among the papers of the late Dr. Halley; describing an instrument for observing the moon's distances from the fixed stars at sea - <i>Newton</i>	XLII 155	
— A view of the relation between Dr. Halley's tables and the notions of Mr. de Buffon, for establishing a rule for the probable duration of the life of a man - <i>Kerffboom</i>	XLVIII 239	
HALO. Observation of one May 12, 1667 - <i>Philosophical Academy at Paris</i>	V 1065	
Discourse concerning the cause of halo's and parelia's - <i>Huygens</i>	— —	
— An account of an unusual parhelion and halo Apr. 7, 1699 - <i>Gray</i>	XXII 535	II 188
— An account of two mock sun's, and an arc of a rain-bow inverted, with an halo, and its brightest arc seen on Sunday and Monday, Oct. 22 and 23, 1721, at Lyndon in Rutland <i>Whiston</i>	XXXI 212	VI 2 76
— An account of an halo observed at Rome Aug. 11, 1732 - <i>De Revillas</i>	XXX X 118	VIII 108
— A letter giving a representation of an halo, or mock sun, observed July 11, 1749 <i>Arderon</i>	XLVI 196	XI 1295

— An account of a remarkable halo May 20, 1737 Barker	Transf, LII 3	Abridg.
HAMMAN PHAROAN WATER. Experiments, by way of analysis, upon the water of the dead sea, upon hot springs near Tiberiades, and up on Hamman Pharoan water - Perry	XLII 48	VIII 643
HAMPSHIRE. See <i>Camps</i> .		
HANDS. The description and use of the pores in the skin of the hands and feet - Grew	XIV 566	III 9
HARBOURS. A recommendation of Hadley's qua- drant for surveying, especially the surveying of harbours; together with a particular applica- tion of it to some cases of pilotage - Michell	LV 70	
HARDOUN. A remark on F. Hardouin's amendment of a passage in Pliny's natural history, lib. II. p. 74, by - Folkes	XLIV 365	XI 1378
HARES. Observations on various sorts of worms, as well human as from hares - Limbourg	LVI 126	
— Investigation of the specific character which dis- tinguish the rabbit from the hare - Barrington	LXII 4	
HARROWING. See <i>Sembradore</i> .		
HARTSELL SPAW WATER. Occasional remarks on the Hartsell Spaw, and their comparison with other waters of the same class - Rutty	LI 470	
HARTZ MINES. Barometrical observations on the depth of the mines in the Hartz - De Luc	LXVII 401	
— — A second paper concerning some barome- trical measures in the mines of the Hartz - De Luc	LXIX 485	
HARWICH. A letter concerning Harwich Cliff, and the fossil shells there - Dale	XXIV 1568	IV 2 264
HATCHET. Part of a letter concerning the remains of an ancient temple in Ireland, and of a stone hatchet of the antient Irish - Bp. of Cork	XLII 581	IX 457
HAY. An account of the burning of several hay- ricks by a fiery exhalation or damp; and of the infectious quality of the grafs of several grounds - Floyd	XVIII 49	II 181
— Part of two letters concerning several plants which may be usefully cultivated for producing grafs or hay - Lister	XIX 412	I 748
HEAD. Observations upon a monstrous head of a colt - Boyle	I 85	
— Anatomical observations in the heads of fowl, made at several times - Meulen	XVII 711	II 860
— An abstract of an account of five pair of mus- cles, which serve for different motions of the head - Dupre	XXI 13	
With remarks by - Wm. Cowper	— —	

	Transl.	Abridg.
— A letter concerning worms in the heads of sheep — — — — — <i>Thorpe</i>	XXIV 1806	V 16
— A remarkable cure of a wound of the head, complicated with a large fracture and depression of the skull, the dura mater and brain wounded and lacerated — <i>Cagna</i>	XLI 495	IX 118
— An account of some extraordinary tumours upon the head of a labouring man — <i>Parsons</i>	L 350	
— An account of a monstrous human foetus, hav- ing neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidneys — <i>Le Cat</i>	LVII 1	
— Account of an extraordinary large head <i>Benvenuti</i>	LVIII 190	
HEALTH. A discourse concerning the rising and fall- ing of the quicksilver in the barometer, and what may be gathered from its great rise in frosty weather, as to a healthy or sickly season — — — — — <i>Lifter</i>	XIV 790	II 18,274
— Observations on the expectations of lives, the increase of mankind, the influence of great towns on population, and particularly the state of London with respect to healthfulness and number of inhabitants — <i>Price</i>	LIX 89	
— The method taken for preserving the health of the crew of his majesty's ship the Resolution, during their late voyage round the world <i>Cook</i>	LXVI 402	
HEARING. A description of the organ of hearing in the elephant; with the figures and situation of the offices, labyrinth and cochlea in the ear of that animal — — — — — <i>Blair</i>	XXX 885	V 82
— Extract of a letter concerning the hearing of fish — — — — — <i>Arderon</i>	XLV 149	XI 880
— Upon the sounds and hearing of fish by Jac. Theod. Klein, or some account of a treatise entitled, An enquiry into the reasons why the author of an epistle concerning the hearing of fishes, endeavours to prove they are all mute and deaf — — — — — <i>Brocklesby</i>	— 233	— 883
— See <i>Deafness</i> .		
HEART. Of the motion of the separated heart of a cold animal in the exhausted receiver <i>Boyle</i>	V 2027	
— Observations upon the motion of the hearts of two urchins, after their being cut out <i>Templer</i>	VIII 6016	III 69
— An account of a polypus found in the heart of a person who died epileptical — — — — — <i>Gould</i>	XIV 537	I 279
— An extract giving an account of a large præter- natural glandulose substance found between the heart and pericardium of an ox	XV 860	III 69

	Transl.	Abridg.
— An account of an extraordinary aneurisma of the arteria aorta near the basis of the heart, with the symptoms thereof - <i>La Fage</i>	XXII 666	
— A discourse concerning some influence of respiration on the motion of the heart, hitherto unobserved - <i>Drake</i>	XXIII 1217	V 253
— An account of the left ventricle of the heart of an amazing magnitude - <i>Douglafs</i>	XXIX 326	— 231
— A discourse of the power of the heart <i>Jurin</i>	XXX 863	
— Conclusion of the discourse - <i>Jurin</i>	— 929	
— Letter on the strength of the heart <i>Keill</i>	— 995	— 244
— Letter in defence of his doctrine of the power of the heart against the objections of Dr. Keill <i>Jurin</i>	— 1039	— 247
— An extraordinary case of the foramen ovale of the heart, being found open in an adult - <i>Amyand</i>	XXXIX 172	IX 134
— Short account of Dr. A. Stuart's paper concerning the muscular structure of the heart - <i>Mortimer</i>	XLI 675	— 131
— A letter concerning the foramen ovale being found open in the hearts of adults, and of the figure of the canal of the urethra - <i>Le Cat</i>	— 681	— 134
— Case of the heart of a child turned upside down - <i>Torres</i>	— 776	— 135
— A letter concerning a polypus at the heart - <i>Templ:man</i>	XLIV 285	XI 1021
— The case of a man whose heart was found enlarged to a very uncommon size <i>Pulteney</i>	LII 344	
— An account of a blow upon the heart, and of its effects - <i>Akenfide</i>	LIII 353	
— An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidneys - <i>Le Cat</i>	LVII 1	
— See <i>Polypus</i> .		
HEARTHS. An account of the houses and hearths in Dublin in 1695 and 1696	XXII 518	III 665
— A scale of the gradation of heat	XXII 824	IV 2 1
— An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point, observed by a thermometer - <i>Hauksbee</i>	XXVI 267	— - 181
HEAT (Philosophy). An account of an experiment made to ascertain the proportion of the expan-		

	Transf.	Abridg.
tion of the liquor in the thermometer, with regard to the degrees of heat - <i>Taylor</i>	XXXII 291	VI 2 49
— Experiments about the degrees of the heat of some boiling liquors - <i>Fahrenheit</i>	XXXIII 1	— —
— A contrivance to avoid the irregularities in a clock' motion, occasioned by the action of heat and cold upon the rod of the pendulum - <i>Graham</i>	XXXIV 40	VI 297
— The description and manner of using an instrument for measuring the degrees of the expansion of metal by heat - <i>Ellicot</i>	XXXIX 297	VIII 464
— Two methods by which the irregularity of the motion of a clock arising from the influence of the heat and cold upon the rod of the pendulum may be prevented - <i>Ellicot</i>	XLVII 479	
— Letter concerning the inventor of the contrivance in the pendulum of a clock to prevent the irregularities of its motion by heat and cold - <i>Short</i>	XLVII 517	
— Observations for settling the proportion which the decrease of heat bears to the height of situation - <i>Thomas Heberden</i>	LV 126	
— Experiments on animals and vegetables, with respect to the power of producing heat - <i>John Hunter</i>	LXV 446	
— Experiments on ignited bodies - <i>Robuck</i>	LXVI 509	
— Experiments on ignited substances - <i>Whitehurst</i>	— 575	
— Of the heat of animals and vegetables - <i>John Hunter</i>	LXVIII 7	
— On the variation of the temperature of boiling water - <i>Shuckburgh</i>	LXIX 362	
HEAT (Meteorology). Tables of the barometrical altitudes, at Zurich in Switzerland, in the year 1708, by Scheuchzer; and at Upminster in England, by Derham. As also the rain at Pisa, in Italy, in 1707 and 1708, by Tilli; and at Zurich in 1708, and at Upminster in all that time: with remarks on the same tables; as also on the winds, heats, and colds; and divers other matters occurring in these three different parts of Europe - <i>Derham</i>	XXVI 342	
— A letter concerning a very cold day, and another a very hot day, in June and July 1749 - <i>Miles</i>	XLVI 208	X 471
— Two letters concerning the heat of the weather in July and September 1750 - <i>Miles</i>	XLVI 571	X 474

	Trans.	Abridg.
— Letter concerning the hot weather July 1750 <i>Aræon</i>	XLVI 573	X 474
— An account of extraordinary heat in February 1749-50 <i>Miles</i>	— 619	
— Remarks on the heat of the air in July 1759 <i>Huxham</i>	L 428	
— — — — — <i>W. Watson</i>	— 429	
— An account of the heat of the weather in Georgia <i>Elis</i>	— 754	
— Account of the heat of the climate at Bengal <i>Martin</i>	LVII 217	
— Account of the extraordinary heat observed at Rome in the summer 1768 <i>Byres</i>	LVIII 337	
— Observation on the heat of the ground on Mount Vesuvius. <i>Howard</i>	LXI 53	
— A comparison of the heat at London and Edin- burgh <i>Roebuck</i>	LXV 459	
HEATED ROOM. Experiments and observations in an heated room <i>Blagden</i>	— 111	
— — — — — <i>Dobson</i>	— 463	
— — — — — <i>Blagden</i>	— 484	
HEAVENS. An account of a pyramidal appearance in the heavens, observed near Upminster in Essex <i>Derham</i>	XXV 241	IV 2 123
HEEL. An account of stitching the great tendon be- tween the calf of the leg and the heel, with its union, and cure after an entire division of it, with remarks <i>Cowper</i>	XXI 153	III 298
HEIGHT. (in general) Experiments touching the time required in the descent of different bodies of different magnitudes and weights, in com- mon air, from a certain height <i>Hautsbee</i>	XXVII 196	IV 2 182
— An account of an extraordinary meteor, seen all over England, on the 19th of March 1712-3, with demonstration of the uncommon height thereof <i>Halley</i>	XXX 978	IV 2 156
— Observation on the height to which rockets will ascend <i>Robins</i>	XLVI 131	X 201
— Some experiments in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen <i>Ellicott</i>	— 378	X 202
— Observations for settling the proportion which the decrease of heat beareth to the height of situation <i>Thomas Heberden</i>	LV 126	

	Transf.	Abridg.
— Of the different quantities of rain which appear to fall, at different heights, over the same spot of ground - - <i>W. Heberden</i>	LIX 359	
— A letter giving an account of some experiments made in North Wales, to ascertain the different quantities of rain, which fell at the same time, at different heights - - <i>Barrington</i>	LXI 294	
HEIGHTS (measured by the barometer). A discourse of the rule of the decrease of the height of the mercury in the barometer, according as places are elevated above the surface of the earth; with an attempt to discover the true reason of the rising and falling of the mercury upon change of weather - - <i>Halley</i>	XVI 104	II 14
— A prospect of the weather, winds, and height of the mercury in the barometer, on the first day of the month, and of the whole rain in every month, in 1703 and beginning of 1704, at Townley, in Lancashire, by <i>R. Townley</i> ; and at Upminster by - - <i>W. Derham</i>	XXIV 1877	
— A proposal for measuring heights of places by help of the barometer of Mr. Patrick, in which the scale is greatly enlarged - - <i>Halley</i>	XXXI 116	VI 2 28
— Observations concerning the height of the barometer, at different elevations above the surface of the earth - - - <i>Nettleton</i>	XXXIII 308	VI 2 42
— Experiments and observations made in Britain, in order to obtain a rule for measuring heights with the barometer - - - <i>Roy</i>	LXVII 653	
HELENA (St.) A letter recommending to make at St. Helena a series of observations for discovering the parallax of the moon <i>De la Caille</i>	LII 21	
— — A letter concerning observations to be made on the parallax of the moon at St. Helena, and recommending the same to be made at Paris and Greenwich, to settle the longitude between Paris and St. Helena - - - <i>Maskeleyne</i>	— 26	
HELSINGLAND. An explanation of the Runic characters of - - - <i>Celfius</i>	XL 7	IX 438
HELMONT See <i>Laudanum</i> .		
HELVETIA. Letter concerning the icy and crystalline mountain of Helvetia, called the Gletscher - - - <i>Muraltus</i>	IV 982	II 465
— A farther description and representation of the icy mountain called the Gletscher, in the canton of Berne, in Helvetia - - - <i>Jussel</i>	VIII 6191	— —

	Transl.	Abridg.
HEMLOCK. Two observations, the one concerning the effects of a poisonous one; the other concerning the virtues of the leaves of hemlock		
— — — — — <i>Ray</i>	XIX 634	II 641
— An account of the poisonous qualities of hemlock-water-drop-wort — — — — — <i>Ray</i>	XX 84	— —
— An account of some persons poisoned by eating boiled hemlock — — — — — <i>W. Watson</i>	XLIII 18	
— A farther account of the poisonous effects of the oenanthe aquatica succo viroso crocante, of Lobel, or hemlock-drop-wort — — — — — <i>W. Watson</i>	L 856	
— An account of the cicuta, recommended by Dr. Storke — — — — — <i>W. Watson</i>	LII 89	
— Case of a cancer in which green hemlock was applied — — — — — <i>Colebrook</i>	LIII 346	
— Observations and experiments on different extracts of hemlock — — — — — <i>Morris</i>	LIV 172	
— Sequel to the case of Anne James, who had taken the green hemlock — — — — — <i>Colebrook</i>	LV 271	
HEMP-SEED. A discovery of an indissoluble salt arising from Hemp-seed put into water till it becomes putrid — — — — — <i>Ellis</i>	LIX 138	
HENBANE. An account of a colour yielded by the eggs of an insect feeding on henbane	VI 2176	II 783
— An account of symptoms arising from eating the seeds of henbane, with their cure, &c. and some occasional remarks — — — — — <i>Sloane</i>	XXXVIII 99	VIII 841
— Letter concerning the poison of henbane roots — — — — — <i>Patouillet</i>	XL 446	— —
— The effects of the hyoscyamus albus, or white henbane — — — — — <i>Stedman</i>	XLVII 194	
HEPATICUS. A hepatitis, with unfavourable symptoms, successfully treated — — — — — <i>Smith</i>	LVI 92	
HERB. Some attempts made to prove that herbs of the same make or class, for the generality, have the like effect and tendency to work the same effects — — — — — <i>Petiver</i>	XXI 289	II 704
HERCULANEUM. An account of the discovery of the remains of a city under-ground, near Naples — — — — — <i>Sloane</i>	XLI 345	IX 440
— Extracts of two letters from Rome, concerning some antient statues, pictures, and other curiosities, found in a subterraneous town lately discovered near Naples — — — — — <i>Paderni</i>	XLI 484	— —
— Extract of another letter on the same subject — — — — — <i>Knapton</i>	— 489	IX 442

Extract of another on the same subject	<i>Crispe</i>	Transf.	Abridg.
— Extract of a letter, giving a short account of some of the principal antique pictures found in the ruins of Herculaneum at Portici, Naples		XLI 493	IX 444
— Account of the method of opening the manuscripts found at Herculaneum	<i>Hoare</i>	XLIV 567	XI 1305
— Remarks on the principal paintings found in the subterraneous city of Herculaneum	<i>Condamine</i>	— 622	
— Letter concerning the ruins of Herculaneum	<i>Blondeau</i>	XLVI 14	— 1307
— Extract of a letter from Naples concerning Herculaneum, containing an account and description of the place, and what has been found in it	<i>Freeman</i>	XLVII 131	
— Letter concerning the antiquities dug up from the antient Herculaneum, Nov. 18, 1752		— 150	
— Letter relating to some antiquities at Herculaneum	<i>Paderni</i>	XLVIII 71	
— Extract of a letter from the keeper of the Museum Herculaneum at Naples	<i>Spence</i>	— 486	
— Letter relating to the late discoveries at Herculaneum	<i>Paderni</i>	— 634	
Another letter	<i>Paderni</i>	— 821	
— Extracts of two letters concerning the late discoveries at Herculaneum	<i>Gray</i>	— 825	
— Copy of a letter concerning the books and antient writings dug out of the ruins of an edifice near the site of the old city of Herculaneum, to Monsignor Cerati of Pisa; with a translation by Mr. Locke	<i>Paderni</i>	XLIX 109	
— An account of the late discoveries of antiquities at Herculaneum, &c.	<i>Anon.</i>	— 112	
— An account of the late discoveries of antiquities at Herculaneum, &c.	<i>Paderni</i>	— 490	
— An account of some of the antiquities discovered at Herculaneum, &c.	<i>Paderni</i>	L 49	
— An account of the late discoveries of antiquities at Herculaneum, and of an earthquake there, and eruption of mount Vesuvius Mar. 24, 1758	<i>Nixon</i>	— 88	
— Additional observations upon some plates of white glass found at Herculaneum	<i>Paderni</i>	— 619	
HERMAPHRODITE. An exact narrative of an hermaphrodite in London	<i>Nixon</i>	LII 123	
	<i>Allen</i>	II 624	III 305

	Transl.	Abridg.
— Letter concerning a very extraordinary hermaphrodite at Thoulouſie - <i>Veay</i>	XVI 282	II. 606
— An account of an hermaphrodite lobſter examined and diſſected purſuant to an order of the Society - <i>Nicholls</i>	XXXVI 290	VII 421
— Letter concerning the hermaphrodite ſhewn in London - <i>Parſons</i>	XLVII 142	
HERNIA. An account of an extraordinary Hernia Inguinalis - <i>Huxham</i>	XLI 640	IX 164
— Two medico-chirurgical obſervations on the hydatides, and conſequences of an incompleat hernia, and on the function of the inteſtines expoſed to ſight - <i>Le Cat</i>	— 712	— 189
— An account of ſeveral caſes of hernias, and diſorders of the urethra - <i>Le Cat</i>	XLVII 324	
— An account of a hernia of the urinary bladder including a ſtone - <i>Foſt</i>	LIV 61	
— An account of an uncommon large hernia <i>Carliſle</i>	LVI 133	
— An account of an hydro-enterocœle appearing like a hydro-ſarcoœle, and ending in the death of the patient, in which the inteſtine had paſſed from the hernial ſac into that of the hydro-cœle, by which the ſtrangulation was formed - <i>Le Cat</i>	LVII 293	
— See <i>Rupture</i> .		
HERRN GROUND. Account of the copper ground in Hungary - <i>Brow</i>	V 1042	II 562
HERTFORDSHIRE. See <i>Antiquities</i> .		
HESIOD. A letter concerning the ages of Homer and Heſiod - <i>Coſlard</i>	XLVIII 441	
HESSIA. A letter containing a ſhort account of ſome baſalt hills in Heſſia - <i>Raſpe</i>	LXI 580	
HESSIAN BELLOWS. See <i>Bel lows</i> .		
HEVELIUS. Obſervations on a treatiſe of Mr. Hevelius, deſigned to prove, that the lungs do not divide and expand the blood, but on the contrary cool and condense it - <i>Nichols</i>	XXXVI 163	VII 500
HIERO. Deſcriptio Fontis Hieronis in Metallifodinis Chemnicenſibus in Hungaria, anno 1756 ex-tracti, with a theory of congelation, drawn from ſome appearances of ice and ſnow there - <i>Wolfe</i>	LII 542	
HIEROGLYPHICS. Extract of a letter concerning a ſuppoſed connection between the hieroglyphical writing of antient Egypt, and the characteriſtic writing which is in uſe at this day among the Chineſe <i>Montan</i>	LIX 489	

	Transf.	Abridg.
HILL. An account of the subsiding or sinking down of a hill near Clogher in Ireland		
— A proposal for measuring the attraction of some hills in this kingdom by astronomical observations	<i>Bishop of Clogher</i> XXVIII 267	IV 2 250
— An account of a volcanic hill near Inverness	<i>Mafkelyne</i> LXV 495	
— Calculations to determine at what point in the side of a hill its attraction will be the greatest, &c.	<i>West</i> LXVII 385	
— See <i>Mountains</i> .	<i>Hutton</i> LXX 1	
HIPPOCRATES. Letter concerning the quadrature of the parts of the lunula of Hippocrates Chius, performed by Mr. John Perks; with the further improvement of the same by Dr. David Gregory and John Catwell	<i>Wallis</i> XXI 411	I 27
— The dimension of the solids generated by the conversion of Hippocrates lunula, and of its parts about several axes, with the surfaces generated by that conversion	<i>De Moivre</i> XXII 624	— 29
HIRTA. A description of the island Hirta	<i>Noray</i> XII 927	III 541
HIRUDINELLA MARINA. A description of the hirudinella marina, or sea leach	<i>Garcin</i> XXXVI 377	VII 418
HISTORY. A description of a mathematical historical table	<i>Mangold</i> XI 667	
HITCHCOCK. Case of Hannah Hitchcock; one of whose ureters was grown up	<i>Huxham</i> XLIII 207	XI 1007
HITCHELL (JOHN). An account of the death of John Hitchell, who was burnt to death by lightning	<i>Rolls</i> — 447	— 1068
HOG. The anatomy of the Mexico musk-hog	<i>Tyssen</i> XIII 359	II 873
HOLLAND. Remarks in a late journey into Denmark and Holland	<i>Cluver</i> XXIII 1400	V 2 128
HOLLANDIA (NOVA). Some late observations in Nova Hollandia	<i>Witsen</i> XX 361	III 620
HOLLY. A remark concerning the sex of Helly	<i>Martyn</i> XLVIII 613	
HOLT WATERS. An account of the several strata of earth found in sinking the mineral wells at Holt	<i>Lewis</i> XXXV 489	VI 2 225
— A letter giving a farther account of the nature and virtues of the Holt waters	<i>Lewis</i> XXXVI 43	— 176
HOLY-OAK. A letter containing some microscopical observations on the fari a foecundans of the holy-oak and the passion flower	<i>Badcock</i> XLIV 150	X 753

Further

	Transl.	Abridg.
Further observations and experiments on the passion flower and its farina <i>Badcock</i>	XLIV 166	X 756
HOMER. A letter concerning the ages of Homer and Hesiod - <i>Costard</i>	XLVIII 441	
HORACE. Some thoughts concerning the antient Greek and Roman lyre; and an explanation of an obscure passage in one of Horace's Odes <i>Molyneux</i>	XLIII 1267	IV 474
HORIZON. A proposition of general use in the art of gunnery; shewing the rule of laying a mortar to pass, in order to strike any object above or below the horizon - <i>Hialley</i>	XIX 68	I 481, 483
— The description of a new quadrant for taking an altitude without an horizon, either at sea or land - <i>Elton</i>	XXXVII 275	
— A spirit-level to be fixed to a quadrant for taking a meridional altitude at sea when the horizon is not visible - <i>Halley</i>	XXXVIII:67	VIII 357
— An attempt to explain the phenomenon of the horizontal moon, appearing bigger than when elevated many degrees about the horizon; supported by an experiment - <i>Desaguliers</i>	XXXIX 390	— 130
An explication of the experiment <i>Desaguliers</i>	— 390	— 131
Some thoughts on the sun and moon when near the horizon, appearing larger than when in the zenith - <i>Logan</i>	— 404	VII 377
— A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea in thick and hazy weather, without seeing the horizon - <i>Leigh</i>	XL 413	VIII 360
— The description and use of an apparatus added as an improvement to Davis's quadrant, consisting of a mercurial level for taking the altitude of sun or star at sea, without the usual assistance of the sensible horizon which frequently is obscured - <i>Leigh</i>	— 417	— 362
— See <i>Moon and Sun</i> .		
HORNS. Account of a kidney of an unusual shape and texture taken out of the body of a man; with observations on horns and glandules in general - <i>Malpighius</i>	XIV 601	II 865
— An account of a girl in Ireland who had several horns growing on her body - <i>Asb</i>	XV 1202	III 12
— An account of one who had horny excrescences, or extraordinary large nails on his fingers and toes - <i>Locke</i>	XIX 694	
— Two letters on horn-like excrescences growing on the fingers, &c. - <i>Wroe</i>	XXIV 1899	V 387

	Transf.	Abridg.
— A letter containing an account of a rhinoceros with a double horn with a figure <i>Sloane</i>	XLVI 118	XI 910
— Some account of a sheep having a monstrous horn growing from his throat <i>Parsons</i>	XLIX 183	
— A letter concerning the double horns of the rhinoceros - - <i>Parsons</i>	LVI 32	
HORNS (Fossil). A discourse concerning the large horns frequently found under ground in Ireland; concluding from them, that the great American deer, called a moose, was formerly common in that island - <i>Molyneux</i>	XIX 489	II 432 III 544
— An account of horns found under ground in Ireland - <i>Kelly</i>	XXXIV 122	VI 2 224
— An account of a pair of very extraordinary large horns found in Wapping some years since; with a probable account whence they came, and to what animal they belonged <i>Sloane</i>	— 222	VII 441
— A letter serving to accompany the pictures of an extraordinary fossil skull of an ox with the cores of the horns - - <i>Klein</i>	XXXVII 427	— 495 IV 4-101
— Of the horn of a large deer found in the heart of an oak - - <i>Glark</i>	XLI 235	VIII 847
— An account of two extraordinary deers horns found under ground in different parts of York-shire - - <i>Knowlton</i>	XLIV 124	X 601
HORROX. A letter concerning Mr. Horrox's lunar system - - <i>Flamstead</i>	X 368	I 453
HORSES. An observation concerning a blemish in a eye; not hitherto discovered by any author - - <i>Lower</i>	II 613	II 684
— An account of a stone fastened to the back-bone of a horse - <i>Giornale de Letterati</i>	VII 4094	III 164
— An extraordinary cure of a horse that was staked into his stomach - <i>Wallis</i>	XIX 118	
— An account of a new engine for raising water by horses - - <i>Churchman</i>	XXXVIII 402	VIII 322
— Account of a horse bit by a mad dog <i>Starr</i>	XLVI 474	XI 913
— Extract of a letter concerning some remarkable experiments made upon the arteries of horses with the powder of lycopherdon, or lupi-crepitus: by Monsieur La Fosse <i>Latterman</i>	XLIX 37	
HORSEFORD. An account of the sinking down of a piece of ground at Horseford in Norfolk - - <i>Arderon</i>	XLIII 527	X 587
HOT HOUSES. An account of the Indian hot houses - - <i>Dudley</i>	XXXIH 129	VII 669

	Transf.	Abridg.
HOUSES. An account of the houses and hearths in Dublin in 1695 and 1696	XXII 518	III 665
HOUR. Letter concerning the drawing the meridian line by the pole star, and finding the hour by the same - - - <i>Gray</i>	— 815	IV 462
HOWELL (MARY). The case of Mary Howell, who had a needle run into her arm and came out at her breast - - -	XL I 767	IX 238
HUDSON'S BAY. Observations on the state of the air, winds, weather, &c. at the Prince of Wales's Fort on the north-west coast of Hudson's Bay, in 1768 and 1769 - - - <i>Dymond and Wales</i>	LX 137	
— — — An account of birds sent from Hudson's Bay; with observations relative to their natural history; and Latin descriptions of some of the most uncommon - - - <i>Forster</i>	LXII 382	
HUMBER. An account of the sunk island in Humber, some years since recovered from the sea - - - <i>Chamberlayne</i>	XXX 1014	IV 2 251
HUMMING BIRD. The description of the American tomineus, or humming bird - - - <i>Grew</i>	XVII 760	II 854
— — — A query concerning the food of the humming bird - - - <i>Grew</i>	— 815	— —
HUMOUR. Observations about the chrySTALLINE humour of the eye - - - <i>Leeuwenhoek</i>	XIV 790	
HUNGARIAN BOLUS. Of the Hungarian bolus of the same effects with the bolus armenus <i>Anon.</i>	I 11	— 457
HUNGARY. Inquiries to be made in Hungary and Transylvania - - - <i>Royal Society</i>	II 467	III 631
— Letter concerning the damps in the mines of Hungary, and their effects - - - <i>Browne</i>	IV 965	II 373
— Directions and enquiries, with their answers, concerning the mines, minerals, baths, &c. of Hungary, &c. - - - <i>Oldenburg and Brown</i>	V 1189	— 523, 585
— Account of stone quarries and talcum rocks in Hungary - - - <i>Anon.</i>	— 1044	— 339
— An account of the tokay wines in Hungary - - - <i>Douglas</i>	LXIII 292	
HURRICANES. Relation of two hurricanes in Northamptonshire Oct. 30, 1669, and Oct. 13, 1670 - - - <i>Templer</i>	VI 2156	— 102, 103
— Observations of his own experiences upon hurricanes, and their prognostics - - - <i>Langford</i>	XX 407	— 105
— An account of a violent hurricane in Huntingdonshire Sept. 8, 1741 - - - <i>Fuller</i>	XLI 851	VIII 491
HUSBANDRY. Divers rural and æconomical enquiries recommended to observation and trial <i>Anon.</i>	IX 240	III 683
		— Some

	Transf.	Abridg.
— Some agrestic observations and advertisements		
— Continuation of the hortulan and rural advertisements	XII 816	II 744
—	— 846	— 745
HYADES. An advertisement to astronomers, of the advantage that may accrue from the observation of the moon's frequent appulses to the hyades, during the three next ensuing years	XXX 692	IV 298
HYDATIDES. Lumbricus hydropicus, or an essay to prove, that hydatides, often met with in morbid animal bodies, are a species of worms, or imperfect animals	XVII 506	III 133
— A relation of a person who voided many hydatides in her urine	XXII 897	V 2 283
— A letter concerning hydatides voided by stool	XXIV 1797	V 281
— Of hydatides inclosed with a stony crust in the kidney of a sheep	XXV 2304	— 54
— An observation of a tumour on the neck full of hydatides, cured by	— 2344	— 216
— An account of a great quantity of hydatides found in the abdomen	XXXI 17	
— An observation of hydatides voided per vaginam	XLI 711	IX 188
— Two medico-chirurgical observations on the hydatides, and consequences of an incomplete hernia, and on the functions of the intestines exposed to fight	— 712	— 189
HYDRAULICS. Remarks upon some experiments in hydraulics, which seem to prove, that the forces of equal moving bodies are as the squares of their velocities	XXXV 343	VI 292
— Short and easy methods for finding the quantity and weight of water contained in a full pipe of any given height and diameter of bore; and, consequently, to find what degree of power would be required to work a common pump, or any other hydraulic engine, when the diameter of the pump-bore, and the height to which the water is to be raised therein, are given	LV 61	
HYDRAULIC ENGINE. A description of an hydraulic engine	XI 679	I 557
HYDRAULOPNEUMATICS. A narrative of a new invention of expanding fluids by their being conveyed into certain ignifed vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulic		

	Transf.	Abridg.
lopneumatical and other engines for raising water, and other uses, &c. - <i>Payne</i>	XLI 82:	VIII 638
HYDROCEPHALUS. A new trocar for the puncture in the hydrocephalus and for other evacuations, which are necessary to be made at different times - <i>Le Cat</i>	XLVII 267	
HYDRO-ENTEROCELE. An account of an hydro-enterocele, appearing like a hydro-sarcocele, and ending in the death of the patient, in which the intestines had passed from the hernial sac into that of the hydrocele, by which the strangulation was formed - <i>Le Cat</i>	LVII 293	
HYDROLOGIA. Some reflections made on the enlarged account of Dr. Witties answer to hydrologia chymica, chiefly concerning the cause of the sudden loss of the virtues of mineral waters - <i>Foot</i>	IV 1050	II 365
HYDROMETER. Account of a new kind of hydrometer - <i>Clarke</i>	XXXVI 277	VI 326
HYDROPHOBIA. Relation of a man bitten with a mad dog, and dying of the disease called hydrophobia - <i>Lifter</i>	XIII 162	II 276
— A remarkable account of an hydrophobia - <i>Howman</i>	XV 916	III 280
— An account of three cases of the hydrophobia - <i>Mead</i>	XXVI 433	V 367
— An account of the case of a supposed hydrophobia - <i>Earl of Morton</i>	LV 139	
HYDRO-SARCOCELE. An account of an hydro-enterocele appearing like a hydro-sarcocele, and ending in the death of the patient; in which the intestine had passed from the hernial sac into that of the hydrocele, by which the strangulation was formed - <i>Le Cat</i>	LVII 293	
HYDROPS OVARII. An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera - <i>Douglas</i>	XXV 317	— 294
— A remarkable case of a gentlewoman who died of a hydrops ovarii in the 33d year of her age, after having been tapped fifty-seven times - <i>Belchier</i>	XXXVII 279	VII 544
HYDROSTATIC. A description of a new essay-instrument, together with the hydrostatical principle it is founded on - <i>Boyle</i>	X 329	I 516
Extract of a letter relating to the essay-instrument - <i>Anon.</i>	— 353	— 520
		HYGRO-

	Transf.	Abridg.
HYGROMETER. Letter of a contrivance of an uncommon hygroscope - <i>Anon.</i>	XI 647	II 36
— A description of his hygroscope in two several contrivances; together with some observations made thereon - <i>Coniers</i>	— 715	— 37
— A letter concerning a new hygroscope invented by - <i>Molyneux</i>	XV 1032	— 40
— Description of the hygrometer - <i>Pickering</i>	XLIII 6	
— Extract of a letter describing an improved hygroscope - <i>Arderon</i>	XLIV 95	X 453
— Part of a letter concerning an improvement of the weather cord - <i>Arderon</i>	— 169	— —
— The description of an hygrometer made of a deal rod - <i>Arderon</i>	— 184	— 454
— The description of a new hygrometer invented by - <i>James Ferguson</i>	LIV 259	
— Description of a new hygrometer - <i>Smeaton</i>	LXI 198	
— Account of a new hygrometer - <i>De Luc</i>	LXIII 404	
HYGROSCOPE. See <i>Hygrometer.</i>		
HYOSCYAMUS ALBUS. The effects of the hyoscyamus albus - <i>Stedman</i>	XLVII 194	
HYPERBOLA. The squaring of the hyperbola by an infinite series of rational numbers; together with its demonstration - <i>Brouncker</i>	III 645	I 10
— Answer to the animadversions of Mr. Hugenius upon Dr. Gregory's book, <i>De vera circuli & hyperbolæ quadratura</i> , as published in the journal Des Scavans - <i>Gregory</i>	— 732	
— Some considerations upon M. Hugen's letter, printed in vindication of his examen of the book entitled, <i>Vera circuli & hyperbolæ quadratura</i> - <i>Gregory</i>	— 882	— 407
— The generation of an hyperbolical cylindroid demonstrated; and the application thereof, for grinding hyperbolical glasses; hinted at - <i>Wren</i>	IV 961	— 188
— A description of Dr. Chr. Wren's engine, designed for grinding hyperbolical glasses, as it was in a manner promised, vol. III. p. 962 - <i>Wren</i>	— 1059	— 189
— On the center of gravity of hyperbolas - <i>Wallis</i>	VII 5074	
— A compendious and facile method for constructing the logarithms, exemplified and demonstrated from the nature of numbers, without any regard to the hyperbola; with a speedy method for finding the number from the logarithm given - <i>Halley</i>	XLX 58	— 108

— The

	Trant.	Abriég.
— The construction and properties of a new quadratrix to the hyperbola - <i>Perks</i>	XXV 2253	IV 37
— The general quadrature of trinomial hyperbolic curves; delivered in two theorems <i>Klingerstein</i>	XXXVII 45	VI 82
— An investigation of a general theorem for finding the length of any arc of any conic hyperbola by means of two elliptic arcs; with some other new and useful theorems deduced therefrom - - <i>Landen</i>	LXV 283	
HYPNUM TERRESTRE. A letter concerning the feeding of mosses; and in particular of the hypnum terrestre trichoides, luteovirens, vulgare, majus capitulis erectis. Raii Synopf. Edit. III. p. 84 - - <i>Hill</i>	XLIV 60	X 758
HYPocaustum. A description of a Roman sudatory, or hypocaustum, found at Wroxeter in Shropshire, 1701 - - - <i>Lisler</i>	XXV 2225	
- - - <i>Harwood</i>	— 2228	
- Two letters relating to Wroxeter, and the hypocausta of the antients - - <i>Baxter</i>	— —	
— An account of the remains of a Roman hypocaustum, or sweating room, discovered under ground at Lincoln in 1739 - <i>Sympson</i>	XLI 855	IX 455
JACULATOR. An account of a fish from Batavia called jaculator - - <i>Schlosser</i>	LIV 89	
— Some further intelligence relating to the jaculator fish, from Mr. Homnel at Batavia; together with the description of another species by Dr. Pallas - - <i>Schlosser</i>	LVI 186	
JAMAICA. Observations made at Jamaica <i>Stubbes</i>	II 495	
— An enlargement of the observations <i>Stubbes</i>	III 699	
— Some particulars referring to the observations made at Jamaica - <i>Norwood</i>	— 824	III 559
— Observations on the eclipse of the moon June 18, 1722, and the longitude of Port Royal in Jamaica determined thereby - <i>Halley</i>	XXXII 235	VI 190 VII 617
JAMES (ANNE). See <i>Hemlock</i> .		
JAPAN. Some observations concerning Japan; in answer to queries sent by Mr. Oldenburg - - <i>M. J.</i>	IV 983	III 620
— A summary relation of what hath been hitherto discovered in the matter of the North East passage. <i>Anon.</i>	X 417	— 610 — Ex-

	Transf.	Abridg.
— Extract from a journal kept by C. P. Thunberg, M. D. during his voyage to, and residence in, the empire of Japan - <i>Thunberg</i>	LXX 1	
JAVA-MAJOR. Answer to some of the queries which were recommended by Sir R. Moray to Sir P. Vernatti, president at Java Major <i>Vernatti</i>	III 863	— 617
JAUNDICE. Letter concerning a contumacious jaundice, accompanied with a very odd case in vision - - <i>Dale</i>	X III 158	— 6
— A letter concerning the jaundice, occasioned by a stone obstructing the ductus communis biliaris, which was afterwards voided by stool - - <i>Musgrave</i>	XXV 2233	V 279
— Part of a letter concerning a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband the next time of being with child - - <i>Cooke</i>	XLVI 205	XI 1063
JAW. Observations upon the effects of electricity applied to a tetanus, or muscular rigidity of four months continuance - <i>W. Watson</i>	LIII 10	
— Case of a locked jaw - <i>Woolcombe</i>	LV 85	
— Account of a locked jaw and paralysis, cured by electricity - <i>Spry</i>	LVII 88	
ICE. A way of preserving ice and snow by chaff <i>Ball</i>	I 139	III 240
— Some experiments shewing the difference of ice made without air, from that which is produced with air - - <i>Rinaldini</i>	VI 2169	II 164
— Some experiments about freezing, and the difference between common fresh water ice and that of the sea water: also a probable conjecture about the original of the nitre of Egypt <i>Lifter</i>	XV 836	— —
— New experiments upon ice - <i>Nallet</i>	XL 307	VIII 503
— An examination of sea water frozen and melted again, to try what quantity of salt is contained in such ice; made in Hudson's Straights by Capt. Christopher Middleton, at the request of C. Mortimer - <i>Middleton</i>	XLI 806	— 643
— The process of making ice in the East Indies - <i>Sir Robert Barker</i>	LXV 252	
— Experiments on water obtained from the melted ice of sea water, to ascertain whether it be fresh or not, &c. - <i>Nairne</i>	LXVI 249	
— See <i>Frost</i> .		
ICELAND. Account of sundry experiments made upon a crystal-like body sent from Iceland - - <i>Bartholin</i>	V 2039	— An

	Transf.	Abridg.
— An answer to some philosophical inquiries concerning that country - <i>Biornonius</i>	IX 238	III 609
ICHNEUMON WORMS. Some considerable observations upon that kind of wasps called Vespæ Ichneumones, especially their several ways of breeding: and among them that odd way of laying their eggs in the bodies of caterpillars, &c. - <i>Willoughby</i>	VI 2279	II 769
A letter enlarging his observations about Ichneumon worms - - <i>Lifter</i>	— 2284	— 770
- - - <i>Lifter</i>	— 3002	— 912
ICONANTIDIPTIC TELESCOPE. An account of an Iconantidiptic telescope - <i>Jeaurat</i>	LXIX 130	
ICY MOUNTAIN. Letter concerning the icy or crystalline mountains of Helvetia, called the Gletscher - <i>Muraltus</i>	IV 982	— 465
— — A further description and representation of the icy mountain, called the Gletscher, in the canton of Berne in Helvetia - <i>Fussler</i>	VIII 6191	— —
— — Part of a letter concerning the icy mountains in Switzerland - <i>Burnet</i>	XXVI 316	
IDIOT. An account of an idiot at Ostend - <i>Amyand</i>	— 170	V 278
JELLY. Some observations concerning the virtue of the jelly of black currants in curing inflammations in the throat - <i>Baker</i>	XLI 655	VIII 838
JENKINS (HENRY). Account of one Henry Jenkins who attained the age of 169 years; with remarks - <i>Robinson</i>	XIX 266	III 307
- - - <i>Hill</i>	— 543	
JESSAMINE. An account of two observations in gardening, upon the change of colour in grapes and jessamine. - <i>Cane</i>	XXXI 102	VI 2 340
JESSO. A narrative of some observations made upon several voyages, to find a way for sailing about the North to the East Indies, and for returning the same way from thence hither; together with instructions given by the Dutch East India Company for the discovery of Jessö near Japan. To which is added, a relation of sailing through the Northern America to the East Indies - <i>Van Nierop</i>	IX 197	
JESSOP'S WELL. An examination of the strength of several of the purging waters, especially that of Jessop's Well - <i>Hales</i>	XLVI 446	X 574
Letter on the virtues of Jessop's Well - <i>Adee</i>	— 451	— —

	Transf.	Abridg.
IGNIS FATUUS. Of the meteor called an ignis fatuus, from observations made in England, and others in Italy - <i>Derham and Dereham</i>	XXXVI 204	VI 2 147
ILIAC PASSION. Of an iliac passion; occasioned by an appendix in the Ilium - <i>Amyand</i>	XLIII 369	XI 1066
— An account of an Iliac passion, from a palsy in the large intestines - <i>De Castro</i>	XLVII 123	
ILIUM. Account of a rupture of the Ilium, from an external contusion, without any external wound - <i>Welfius</i>	XL 61	IX 160
— An instance of the gut ilium, cut through by a knife, and cured - <i>Travers</i>	L 35	
ILLNESS. A short account of Dr. Maty's illness, and of the appearances in the dead body - <i>Hunter and W. Watson</i>	LXVII 608	
IMAGINATION. A relation of an extraordinary effect of the power of imagination - <i>Afb</i>	XVI 334	
— An account of a child born with a large wound in the breast, supposed to proceed from the force of imagination - <i>Cyprianus</i>	XIX 291	III 222
— Letter concerning the effects of imagination, &c. - <i>Afb</i>	XX 293	— —
IMITATION. An account of a man of a strange imitating nature - <i>Garden</i>	XII 842	— 8
IMPACT. Reflections on the communication of motion by impact and gravity - <i>Milner</i>	LXVIII 344	
IMPOSTUME. Letter concerning the bones of a human foetus voided through an impostume in the groin - <i>Skippon</i>	XXIV 2077	V 306
— Account of an extraordinary impostumation of the liver - <i>Short</i>	XXXVII 184	VII 506
— Account of a young lady who had an extraordinary impostume formed in her stomach <i>Layard</i>	XLVI 406	XI 1023
IMPREGNATION. Some experiments concerning the impregnation of the seeds of plants <i>Logan</i>	XXXIX 192	VIII 804
— Thoughts on the different impregnations of mineral waters; more particularly concerning the existence of sulphur in some of them <i>Kutty</i>	LI 275	
— A letter on the sexes of plants, and impregnation of vegetables - <i>Styles</i>	LV 258	
INCALESCENCE. Of the incallescence of quicksilver with gold - <i>B. R.</i>	X 515	II 580
INCISION. An account of a dropsy in the left ovary of a woman aged 58, cured by a large incision made in the side of the abdomen <i>Houß:un</i>	XXXIII 8	VII 541
INCRUSTATION. See <i>Bones</i> .		
WUCUS. An account of the case of a boy who had the		

	Transf.	Abridg.
malleus of each ear, and one of the incus's, drop out - - - <i>Morant</i>	LII 264	
INDEX GLASS. Remarks on Hadley's quadrant, tend- ing principally to remove the difficulties which have hitherto attended the use of the back ob- servation, and to obviate the errors that might arise from a want of parallelism in the two sur- faces of the index glass - - - <i>Maskebyne</i>	LXII 99	
INDICTIONS. A method for finding the numbers of the Julian period for any year assigned, the number of the cycle of the sun, the cycle of the moon, and of the indictions for the same year being given; together with a demonstra- tion of that method - - - <i>Collins</i>	II 568	III 399
INDIES. Some observations concerning a possible pas- sage to the East Indies, by the Northern Ame- rica, westward - - - <i>Anon.</i>	IX 207	
— Some observations sent from the East Indies, in answer to some queries sent thither - - - <i>Waller</i>	XX 273	— 618
— An account of some Indian plants, &c. with their names, descriptions, and virtues - - - <i>Petiver</i>	— 313	II 725
— Letter concerning some Indian manuscripts late- ly sent to the university of Oxford - - - <i>Lewis</i>	— 421	— 397
— A letter containing some observations on the mechanic arts of the Indians - - - <i>Papin</i>	XXVIII 225	— 182
— A letter containing some observations on the phy- sick of the Indians - - - <i>Papin</i>	— —	— —
— An account of the Indian hot-houses - - - <i>Dudley</i>	XXXIII 129	VII 669
— An abstract of a letter concerning experiments made on the Indian magnetick sand - - - <i>Muschenbroek</i>	XXXVIII 297	IV 2 253
— Some considerations on the antiquity and use of the Indian characters or figures - - - <i>Cope</i>	XXXIX 131	IX 426
— Account of an antidote to the Indian poison in the West Indies - - - <i>Milward</i>	XLII 2	— 335
— An account of the male and female cochineal insect that breed on the cactus opuntia, or In- dian fig, in South Carolina or Georgia - - - <i>Ellis</i>	LII 661	
— An account of an extraordinary disease among the Indians in the islands of Nantuket and Martha's Vineyard in New England - - - <i>Oliver</i>	LIV 386	
— Some attempts to ascertain the utmost extent of the knowledge of the antients in the East Indies - - - <i>Caverhill</i>	LVII 155	
— A description and figure of the nyctanthus elon- gata, a new Indian plant - - - <i>Bergius</i>	LXI 289	

	Transf.	Abridg.
— A letter giving some account of the roots used by the Indians in the neighbourhood of Hudson's Bay, to dye porcupine quills - - - <i>Forster</i>	LXII 54	
— Extracts of some letters on the customs, manners and language of the northern Indians of America - - - <i>Johnson</i>	LXIII 142	
INDIAN CORN. See <i>Maize</i> .		
INDIGO PLANT. The effects of the opuntia, or prickly pear; and of the Indigo plant in colouring the juices of living animals - - - <i>Baker</i>	L 296	
INDUSTRIA (CITY). Some account of a curious tripod and inscription found near Turin, serving to discover the true situation of the antient city of Industria - - - <i>Baker</i>	XLIII 540	XI 1240
INFANT. An anatomical observation of four ureters in an infant - - - <i>Tyson</i>	XII 1039	III 146
— Account of an infant musician - - - <i>Burney</i>	LXIX 183	
INFECTIO. An account of several persons seized with the gaol fever working in Newgate, and of the manner in which the infection was communicated to one intire family - - - <i>Pringle</i>	XLVIII 42	
INFINITE. The squaring of the hyperbola by an infinite series of rational numbers; together with its demonstration - - - <i>Brouncker</i>	III 645	I 10
— An account of the several species of infinite quantity, and of the proportion they bear one to the other - - - <i>Halley</i>	XVII 556	— 102
— A method of raising an infinite multinomial to any given power, or extracting any given root of the same - - - <i>De Moivre</i>	XIX 619	— 90
— A method of extracting the root of an infinite equation - - - <i>De Moivre</i>	XX 190	I 95
— Analytical solution of certain infinitesimal equations - - - <i>De Moivre</i>	XXV 2368	IV 77
— Some theorems respecting the infinite divisibility of matter - - - <i>Keil</i>	XXIX 82	IV 423
— A solution of the 15th general problem proposed by D. De Moivre, in his treatise <i>De Mensura Sortis</i> - - - <i>Bernoulli</i>	— 133	V 2 255
Another general solution of the preceding problem, with the assistance of combinations or infinite series - - - <i>De Moivre</i>	— 145	— 266
— Of cubic equations and infinite series - - - <i>Hutton</i>	LXX 387	
INFLAMMABLE LIQUORS. A way to make two clear spirituous inflammable liquors, which differ		

	Transl.	Abridg.
very little in taste and smell; and being mixed together, do give a fine carnation colour, without either sensible fermentation or alteration		
- - - - - <i>Geoffroy</i>	XXI 43	III 367
INFLAMMATIONS. Some observations concerning the virtue of the jelly of black currants in curing inflammations in the throat - <i>Baker</i>	XLI 655	VIII 838
— An account of a bristle that was lodged in a gentleman's foot, and caused a violent inflammation - <i>Arderon</i>	XLIV 192	XI 1114
— Case of a young lady who drank sea water for an inflammation and tumour in the upper lip - - - <i>Lewington</i>	LV 6	
INFUSION INTO VEINS. Account of the success of some experiments of infusing medicines into human veins - <i>Anon.</i>	III 766	III 234
INGUINAL RUPTURE. Of an inguinal rupture, with a pin in the appendix cœci, incruited with stone. See <i>blood</i> - - - <i>Amyana</i>	XXXIX 329	IX 153
INJECTION. A confirmation of the experiments made by Sig. Fracastati in Italy, by injecting acid liquors into the blood - <i>Boyle</i>	II 551	III 233
— Anatomical inventions and observations, particularly the origin of the injection into veins - - - <i>Clarck</i>	III 672	— 290
— An account of the dissection of a dog who had mercury injected into one of the jugulars <i>Pitt</i>	XX 184	— 234
— Further accounts of the success of injecting medicated liquors into the abdomen, in the case of an ascites - - - <i>Warren</i>	XLIII 47	X 1009
INOCULATION. An account, or history, of the procuring the small-pox by incision or inoculation, as it has for some years been practised at Constantinople, 1713 - <i>Timonius</i>	XXIX 72	V 370
— A new and safe method of procuring the small-pox by transplantation, lately invented and drawn into use - <i>Pylarinus</i>	— 393	— 377
— The way of proceeding in the small-pox inoculated in New England - <i>Newman</i>	XXXII 33	VII 601
— A letter concerning the inoculation of the small-pox - - - <i>Nettleton</i>	— 35	— 602
Further account - <i>Nettleton</i>	— 49	— 608
— Part of a letter concerning the inoculation of the small-pox, and the mortality of that distemper in the natural way - <i>Nettleton</i>	— 209	— 609
A further account, containing a comparison of		

	Transf.	Abridg.
the danger in the natural way, and by inoculation - - - <i>Jurin</i>	XXXI 213	VII 611
Success of inoculation at Boston in New England - - - <i>Johnson</i>	— 225	— 617
— A method of procuring the small-pox, used in South Wales - - - <i>Williams</i>	— 262	— 618
— Another letter on the same subject - - - <i>Williams</i>	— 264	— 619
— Another account from Haverford-West - - - <i>Wright</i>	— 267	— 620
— Part of a letter concerning the effects of inoculation in New England - - - <i>Roche</i>	XXXIII 67	— 621
— A letter concerning some children inoculated with the small-pox, at Haverford-West in Penn-broke-shire - - - <i>Davis</i>	XXXVIII 121	
— An abstract from Timoni's history of the inoculated small-pox - - - <i>Horfeman</i>	— 296	IX 210
— A letter concerning inoculation - - - <i>Brooke</i>	XLVII 470	
— Letter from Geneva concerning the success of inoculation there - - - <i>Anon.</i>	— 503	
— Letter from Salisbury concerning the success of inoculation - - - <i>Brown</i>	— 570	
— Letter on the success of inoculation at Geneva - - - <i>Bonnet</i>	XLVIII 818	
— Account of the practice of inoculation at Constantinople - - - <i>Porter</i>	XLIX 104	
— An account of inoculation in the year 1736 - - - <i>Slorne</i>	— 516	
— Historical memoirs relating to the practice of inoculation for the small-pox in the British American provinces, particularly in New England - - - <i>Gale</i>	LV 193	
— A short account of the manner of inoculating the small-pox on the coast of Barbary, and at Bengal in the East Indies - - - <i>Chais</i>	LVIII 128	
— An account of inoculation in Arabia - - - <i>Russell</i>	— 140	
— See <i>Small Pox.</i>		
INOCULATION OF CATTLE. A discourse on the usefulness of inoculation of the horned cattle, to prevent the contagious distemper among them - - - <i>Loyard</i>	L 528	
INSCRIPTION. Letter concerning a Runic inscription at Beau-Castell - - - <i>Nicolson</i>	XV 1287	III 433
— Letter on a Runic inscription at Bridekirk - - - <i>Nicolson</i>	— 1291	— 435
— An uncommon inscription lately found on a very great basis of a pillar dug up at Rome; with an interpretation of the same - - - <i>Vossius</i>	XVI 172	— 446
— Some account of the antient state of the city of Palmyra		

	Transf.	Abridg.
Palmyra, with short remarks upon the inscriptions found there - <i>Halley</i>	XIX 160	III 518
— An account of an Etruscan inscription found on an old urn at Rome - <i>Pulley.</i>	— 537	— 448
— An account of an inscription found at Rome in the language of the Palmereni <i>Pulley.</i>	— —	— 526
— Letter concerning some Roman inscriptions found near Durham <i>Christopher Hunter</i>	XXII 657	— 426
— Letter on the various readings of an inscription which is written upon the statue of Tages by four Etruscan alphabets - <i>Hickes</i>	XXIV 2076	V 306
— Letter concerning a Roman inscription lately found at York - <i>Thoresby</i>	— 2145	V 2 35
— A letter concerning some Roman inscriptions found at York; proving, that the ninth legion some time resided there - <i>Thoresby</i>	XXV 2194	— - 41
— Inscriptio Tarraconensis, with a comment - <i>Musgrave</i>	XXVIII 157	— - 110
— Extract of a letter giving an account of a Roman inscription lately dug up in the north of England; with some historical and chronological remarks thereon - <i>Chr. Hunter</i>	XXX 701	— - 49
— Remarks on a fragment of an old Roman inscription lately found in the north of England - <i>Jurin</i>	— 813	— - 43
— A discourse occasioned by an inscription found at Langchester, in the Bishoprick of Durham - <i>Gale</i>	— 823	— - 50
— Extract of a letter giving an account of an ancient Roman inscription found at Caerleon upon Usk; with some conjectures thereon <i>Rice</i>	— 945	
— An account of a Roman inscription found at Chichester - <i>Gale</i>	XXXII 391	VII 4 23
— Account of two pigs of lead found near Ripley with this inscription on them, Imp. Caes. Domitiano, Aug. Col. VII. - <i>Kirshaw</i>	XLI 560	IX 420
— Remarks upon an inscription cut formerly in a window belonging to the parish church of Rumsley in Hampshire - <i>Ward</i>	XLIII 79	
— A letter serving to accompany a copy of an ancient Roman inscription at Rochester in Northumberland, and two others at Rivingham - <i>Chr. Hunter</i>	— 159	X 1271
— An explanation of a Roman inscription found not long since at Silchester in Hampshire <i>Ward</i>	— 200	XI 1264
— Some account of a curious tripod and inscription		

	Transf.	Abridg.
found near Turin, serving to discover the true situation of the ancient city Industria <i>Baker</i>	XLIII 540	X 1240
— An explanation of an antient inscription discovered at Rutchester, the last station in England, upon the Roman wall, 1744 <i>Taylor</i>	XLIV 344	XI 1284
— Copy of a Roman inscription found at Bath <i>Stukeley</i>	XLV 409	— 1272
— Remarks upon an antient Roman inscription found in that part of Italy which formerly belonged to the Sabines <i>Ward</i>	XLVI 293	— 1273
— An attempt to explain an antient Greek inscription engraven upon a curious bronze cup with two handles, and published with a draught of the cup by Dr. Pocock, in his description of the East, vol. II. part II. pag. 207 <i>Ward</i>	— 488	— 1278
— An attempt to explain an antient Roman inscription cut upon a stone lately found at Bath <i>Ward</i>	XLVIII 332	
— An account of a Roman inscription found at Malton in Yorkshire, in the year 1753 <i>Ward</i>	XLIX 69	
— An account of four Roman inscriptions cut upon three large stones found in a ploughed field near Wroxeter in Shropshire, in the year 1752; with some observations upon them <i>Ward</i>	— 196	
— Some considerations on two large pieces of lead with Roman inscriptions upon them, found several years since in Yorkshire <i>Ward</i>	— 686	
— An account of some subterraneous apartments with Etruscan inscriptions and paintings, discovered at Civita Turchino in Italy <i>Wilcox</i>	LIII 127	
— Observations on two antient Roman inscriptions discovered at Netherby in Cumberiand <i>Taylor</i>	— 133	
— Copies of some Roman inscriptions at Tunis in Africa <i>Cariles</i>	— 211	
— An attempt to explain a Punic inscription lately discovered in the island of Malta <i>Swinton</i>	— 274	
— Some remarks upon the first part of Mr. L'Abbe Barthelemi's memoirs on the Phœnician letters, relative to the inscription in the island of Malta <i>Swinton</i>	LIV 119	
— Remarks on the Palmyrene inscription at Teive <i>Swinton</i>	LVI 4	
— An attempt to explain the legend and inscription of a very curious Phœnician medal never hitherto explained <i>Swinton</i>	LVII 266	
— Interpretation of the inscription of a Punic coin struck in the isle of Gozo <i>Swinton</i>	LVIII 235	
— Description of a Punic coin appertaining to the		

	Transf.	Abridg.
isle of Gozo, hitherto attributed to that of Malta by the learned - <i>Swinton</i>	LVIII 261	
Interpretation of two Punic inscriptions on the reverses of two Siculo-Punic coins, published by the prince of Torremuzza, and never hitherto explained - <i>Swinton</i>	LXI 91	
An account of a subærated Denarius of the Pætorian family; adorned with an Etruscan inscription on the reverse; never before published or explained - <i>Swinton</i>	LXII 60	
INSECTS. Some observations of swarms of strange insects in New England, and the mischiefs done by them - <i>Anon.</i>	I 137	II 762
Observations on some insects and their innoxiousness - <i>Fairfax</i>	— 392	
Experiments on what happened to some creeping insects in vacuo Boyleano - <i>Boyle</i>	V 2051	— 463
Phænomena suggested by winged insects in vacuo Boyleano - <i>Boyle</i>	— 2053	
Account of an insect likely to yield an acid liquor - <i>Lifter</i>	— 2067	— 792
Observations on insects lodging themselves in old willows - <i>King</i>	— 2098	— 772
- - - <i>Willoughby</i>	— 2100	— 773
An observation concerning certain insect-husks of the kermes kind - <i>Lifter</i>	VI 2165	— 776
An account of an insect feeding upon henbain; the horrid smell of which is, in that creature, so qualified thereby, as to become in some measure aromatical, together with the colour yielded by the eggs of the same - <i>Lifter</i>	— 2176	— 783
Account of the kind of insect hatched of the English kermes, also the use of these purple insect-husks for tinging; together with a comparison of this English kermes with the scarlet kermes of the shops - <i>Lifter</i>	— 2196	— 766
An account of the insects smelling of musk <i>Ray</i>	— 2219	— 765
Confirmation of the observation about musk-scented insects; adding some notes upon Dr. Swammerdam's book of insects, and on that of Steno concerning petrified shells - <i>Lifter</i>	— 2281	— 783
Discovery of another musk-scented insect - <i>Lifter</i>	— 3002	— 784, 792
A letter concerning animated horse hairs; rectifying a vulgar error - <i>Lifter</i>	VII 4064	— 771
An abstract of a letter concerning generation by an insect - <i>Leeuwenhoek</i>	XV 1120	— 911
The history of the generation of an insect by		him

	Transf.	Abridg.
him called the wolf; with observations on insects bred in rain water, in apples, cheefe, &c.		
- - - - - <i>Leeuwenhoek</i>	XVIII 194	III 685
— Letter concerning swarms of insects that of late years have much infested some parts of the province of Connought in Ireland <i>Molyneux</i>	XIX 741	II 778
— Part of a letter concerning several insects <i>Dale</i>	XXI 50	— 912
— Letter concerning some insects observed upon fruit trees - - - <i>Leeuwenhoek</i>	XXII 659	III 686
— Letter concerning the insect called libella <i>Poupart</i>	— 673	II 762
— Some observations concerning insects in Virginia; with remarks by J. Petiver <i>Banister</i>	— 807	V 183
— Letter concerning some remarkable plants and insects observed in Spain - <i>Breyneus</i>	XXIV 2045	— 10
— Two cafes of insects voided by the urinary passage - - - <i>Turner</i>	XXXIII 410	VII 539
— Some corrections and amendments concerning the gen ration of the insect called coccus radicis, in his natural history thereof <i>Breyneus</i>	XXXVII 444	— 476
— A letter containing the account of a remarkable generation of insects at Annapolis in Maryland - - - <i>Lewis</i>	XXXVIII 119	IX 1
— A picture and description of a water-insect not before described (Lat.) - - - <i>Klein</i>	XL 150	— 6
A description of the same sort of insect found in Kent; with an addition by - - - <i>Mortimer and Brown</i>	— 153	— 7
— An abstract of some new observations upon insects - - - <i>Bonnet</i>	XLII 458	— 39
— Observations upon several species of small water-insects of the polypus kind <i>Trembley</i>	XLIV 627	XI 807
— Divers means for preserving from corruption dead birds intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means may be employed for preserving quadrupeds, reptiles, fishes, and insects - - - <i>Reaumur</i>	XLV 309	
— Letter concerning a non-descript petrified insect - - - <i>Lyttelton</i>	XLVI 598	X 656
Further account of the before-mentioned Dudley fossil - - - <i>Mortimer</i>	— 600	— —
— An account of some remarkable insects of the polype kind, found in the waters near Brussels in Flanders - - - <i>Brady</i>	XLIX 248	
— Account of a remarkable marine insect <i>Dupont</i>	LIII 57	
— Observations on some bivalve insects found in common water - - - <i>Mulier</i>	LXI 230	

	Transf.	Abridg.
— A letter on the effects of elder, in preserving growing plants from insects and flies <i>Gulielm.</i>	LXII 348	
INSTRUMENTS (for anatomical uses). An explication of the instruments used in a new operation of the eyes - - - <i>Chefelden</i>	XXXV 451	VII 493
— A description of some instruments for the ears - - - <i>Cleland</i>	XLI 847	IX 124
— A letter concerning the cure of a dry gangrene; together with a new-invented instrument for the extirpation of tumours out of the reach of the surgeon's fingers - - -	XLVI 72	XI 1084
— An account of a new-invented instrument for fractured legs - - - <i>Sharp</i>	LVII 80	
INSTRUMENTS (Mathematical). Considerations upon Mr. Hook's new instrument for grinding of optick glasses - - - <i>Auzout</i>	I 56	I 215
Answer - - - - <i>Hook</i>	— 63	— 192
— A letter touching the invention of dividing a foot into many thousand parts for mathematical purposes - - - <i>Townley</i>	II 457	— 218
More ways for the same purpose <i>Hook</i>	— 459	— 220
A description of the instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness - - - <i>Hook</i>	— 541	— 219
— The description of an instrument invented divers years ago for drawing the out-lines of any object in perspective - - - <i>Wren</i>	IV 898	— 598
— Extract of two letters concerning an instrument to shew the moon's true place to a minute or two - - - <i>Flamstead</i>	IX 219	— 453
— Account of a new essay-instrument <i>Boyle</i>	X 329	— 516
Extract of a letter relating to the essay-instrument - - -	— 353	— 520
— Letter about the making of microscopes with very small and single glasses, and of some other instruments - - - <i>Butterfield</i>	XII 1026	— 127, 208
— Further remarks on the instrument, proposed by an anonymous French author, for effecting a perpetual motion - - - <i>Anon.</i>	XVI 138	
— An instrument for seeing the sun, moon, or stars, pass the meridian of any place: useful for setting watches in all parts of the world with the greatest exactness, to correct sun-dials, to assist in the discovery of the longitude of places - - - <i>Derham</i>	XXIV 1578	IV 464

	Transf.	Abridg.
— Extracts from Mr. Gascoigne's and Mr. Crabtree's letters, proving Mr. Gascoigne to have been the inventor of the telecopick sights of mathematical instruments, and not the French		
- - - - - <i>Derham</i>	XXX 603	— 345
— A description of a new instrument for taking angles - - - - - <i>Hadley</i>	XXXVII 147	VI 139
— An account of observations made on board the the Chatham Yatch Aug. 30-31, and Sept. 1, 1732, for the trial of an instrument for taking angles - - - - - <i>Hadley</i>	— 341	— 428
— The description and use of an instrument for taking the latitude of a place at any given time of the day - - - - - <i>Graham</i>	XXXVII 1450	VIII 371
— A true copy of a paper found in the hand-writing of Sir Isaac Newton, among the papers of Dr. Halley, describing an instrument for observing the moon's distance from the fixed stars at sea - - - - - <i>Newton</i>	XLII 155	— 129
— An explanation of a new instrument made for measuring small angles - - - - - <i>Dollond</i>	XLVIII 551	
— An account of the meteorological instruments used at the Royal Society's house - - - - - <i>Henry Cavendish</i>	LXVI 375	
— Account of a new instrument for measuring small angles, called the prismatic micrometer - - - - - <i>Maskeelyne</i>	LXVII 799	
— An account of the apparatus applied to the equatorial instrument, for correcting the errors arising from the refraction in altitude - - - - - <i>Dollond</i>	LXIX 332	
— An account of some new experiments in electricity, with the description and use of two new electrical instruments - - - - - <i>Cavallo</i>	LXX 15	
INSTRUMENTS (Musical) Account of a musical instrument brought from the isle of Amsterdam in the South Seas 1774, by captain Furneaux - - - - - <i>Steele</i>	LXV 67	
— See <i>Telescope, Microscope, Micrometer, &c.</i> in their places		
INTEREST. Rules for correcting the usual methods of computing amounts and present values by compound as well as simple interest, and of stating interest accounts - - - - - <i>Watkins</i>	XXIX 111	V 2 243
— Investigations of twenty cases of compound interest - - - - - <i>Robertson</i>	LX 508	
INTERPOLATIONS. Problems concerning interpolations - - - - - <i>Waring</i>	LXIX 59	
INTESTINES. A discourse concerning the spiral, in-		

	Transf.	Abridg.
stead of the supposed annular structure of the fibres or the intestines - <i>Cole</i>	XI 603	III 88
— Letter concerning a child who had its intestines, mesentery, &c. in the cavity of the thorax <i>Hist</i>	XXII 992	V 260
— Observations on part of the intestines of a dog successfully cut away - <i>Shipton</i>	XXIII 1299	— 275
— Account of a pain in the belly arising from the intestines being concreted into a cartilaginous substance - <i>Misaporitus</i>	XXIV 2:14	V 2 35
— Microscopical observations on the blood vessels, and membranes of the intestines - <i>Leeuwenhoek</i>	XXVI 53	V 2 267
— Account of a rupture of the ilium from an external contusion, attended with no external wound - <i>Wolffus</i>	XL 61	IX 160
— Two medico-chirurgical observations on the hydrocides, and consequences of an incomplete hernia and on the functions of the intestines exposed to sight - <i>Le Cat</i>	XLI 712	— 189
— An account of an iliac passion from a palsy in the large intestines - <i>De Castro</i>	XLVII 123	
— An account of a very remarkable case of a boy who, notwithstanding that a considerable part of his intestines were forced out by the fall of a cart upon him, and afterwards cut off, recovered, and continues well <i>Needham</i>	XLIX 238	
— A remarkable case of cohesions of all the intestines in a man of about 34 years of age <i>Jenty</i>	L 550	
— An extraordinary cure of wounded intestines - <i>Nourje</i>	LXVI 426	
— See <i>Particular intestines in their places.</i>		
INVENTIONS. A paper asserting some mathematical inventions to their true authors <i>Gregory</i>	XVIII 233	I 116
INUNDATION. An account of an extraordinary inundation in the island of Mauricius <i>Diodati</i>	XX 268	II 329
— A letter giving an account of some inundations in Ireland, 1708 - <i>Derham</i>	XXVI 308	IV 2 193
— An account of a surprizing inundation in the valley of St. John's, near Kewick in Cumberland, Aug. 22, 1749 - <i>Anon.</i>	XLVI 362	X 584
JOINTED WORM. <i>Lumbricus latus</i> , or a discourse of the jointed worm - <i>Tyson</i>	XIII 113	III 121
JOINTS. Two singular cures of diseased knee-joints successfully treated; the first by topical applications, the second by operation <i>Warner</i>	XLIX 452	
— Account of the case of the first joint of the		

	Transf.	Abridg.
thumb torn off, with the flexor tendon in its whole extent torn out - <i>Horne</i>	L 617	
IPECACUANHA. Of the use of the root ipecacuanha for loofenesses; translated from a French paper, with notes, by - <i>H. Sloane</i>	XX 69	II 114
— A short account of the different kinds of ipecacuanha - <i>Douglas</i>	XXXVI 152	VI 2 327
— Medico-physical observations on ipecacuanha (Lat.) - <i>Gmelin</i>	XLIII 382	X 761
IRELAND. Of the bogs and loughs of Ireland <i>King</i>	XV 948	II 732
— A discourse concerning the large horns frequently found under ground in Ireland; concluding from them, that the great American deer, called a moose, was formerly common in that island - <i>Molyneux</i>	XIX 489	— 432 III 544
— Several observations relating to the antiquities and natural history of Ireland, in travels through that kingdom - <i>Lbwyd</i>	XXVII 503	V 2 125
— Some further observations relating to the antiquities and natural history of Ireland <i>Lbwyd</i>	— 524	— 126
— An account of horns found under ground in Ireland - <i>King</i>	XXXIV 122	VI 2 224
— Part of a letter concerning the remains of an antient temple in Ireland, and of a stone hatchet of the antient Irish - <i>Bp. of Cork</i>	XLII 581	IX 457
— See <i>Figures, Population.</i>		
IRIS. Observations on an evening, or rather nocturnal solar iris, June 5, 1757 <i>Edwards</i>	L 293	
— See <i>Rainbow.</i>		
IRON. An account of two mineral substances found in some coal and iron mines in England <i>Jessop</i>	VIII 6179	II 458
— An account of the iron works in the forest of Dean - <i>Powle</i>	XII 931	— 558
— Several observations of the respect of the needle to a piece of iron held perpendicular; made by a master of a ship crossing the equinoctial line, 1684 - <i>Anon.</i>	XV 1213	
— Extracts of some letters concerning iron ore; and more particularly of the hæmatites wrought into iron at Milthorpe forge in Lancashire - <i>Sturmie</i>	XVII 695	— 551
— To give iron the colour and tincture of copper - <i>Southwell</i>	XX 296	III 157
— A letter concerning the magnetic quality acquired by iron upon standing for a long time in the same posture - <i>Leeuwenhoek</i>	XXXII 72	VI 2 277 VII 468
		— An

	Transf.	Abridg
— An historico-physical observation on the waters of Neufohl, which are impregnated with brasa, and change iron into brasa - <i>Belius</i>	XL 351	VIII 645
— A letter concerning melting iron with pit-coal - <i>Mufon</i>	XLIV 570	X 671
— An account of a mountain of iron ore at Ta-berg in Sweden - <i>Afcenius</i>	XLIX 30	
— Observations on sand iron - <i>Ellicot</i>	LIII 48	
— A letter on the solubility of iron in simple wa-ter, by the intervention of fixed air - <i>Lane</i>	LIX 216	
— Account of a specimen of native iron - <i>Steblin</i>	LXIV 461	
— Account of the iron ore lately found in Siberia - <i>Pallas</i>	LXVI 523	
— Experiments on ignited substances - <i>Whitburnff</i>	— 575	
IRREDUCIBLE CASE. A method of extending Car-dan's rule for resolving one case of a cubic equation $x^3 - gx = r$ to the other case of the same equation, which it is not naturally fitted to solve, and which is therefore called the irre-ducible case - <i>Mafers</i>		
	LXX 85	
IRREGULARITIES. Of the irregularities in the pla-netary motions caused by the mutual attraction of the planets - <i>Walmsley</i>		
	LII 275	
ISINGLASS. An account of the discovery of the manner of making isinglass in Russia; with a particular description of its manufacture in England, from the produce of British fisheries - <i>Jackson</i>		
	LXIII 1	
ISLAND. An account of the sunk island in the Hum-ber, lately recovered from the sea - <i>Chamberlaine</i>		
— Part of a letter concerning a new island lately raised out of the sea near Tercera - <i>Forster</i>	XXX 1014	IV 2 251
— On the format-on of islands - <i>Dalrymple</i>	XXXII 100	VI 2 203
— See <i>Santerini</i> .	LVII 394	
ISOPERIMETRICAL PROBLEMS. An investigation of a general rule for the resolution of isoperime-trical problems of all orders - <i>Simpfon</i>		
— — A further attempt to facilitate the resolu-tion of isoperimetrical problems - <i>Simpfon</i>	XLIX 4	
	L 623	
ISTHMUS. Letter relating to that isthmus, or neck of land, which is supposed to have joined Eng-land and France in former times, where now is the passage between Dover and Calais - <i>Wallis</i>		
	XXII 967	IV 2 227
ISTRIA. Observations in travels from Venice through		

	Transf.	Abridg.
Istria, Dalmatia, Greece, and the Archipelago, to Smyrna - <i>Vernon</i>	XI 573	
ITALY. Letter concerning the state of learning, and several particulars observed by him lately in Italy - <i>Silv. Ste</i>	XXII 627	III 603
— Some curious remarks in his travels through Italy - <i>More</i>	XLVI 464	XI 1331
— An investigation of the difference between the present temperature of the air in Italy, and some other countries, to what it was seventeen centuries ago - <i>Barrington</i>	LVIII 58	
— See <i>Antiquities</i> .		
JUDDA. A letter accompanying a new chart of the Red Sea, with two draughts of the roads of Mocha and Judda, and several observations made during a voyage to that sea - <i>Newland</i>	LXII 77	
— Remarks and observations made on board the ship Kelfall, on a voyage to Judda and Mocha in 1769 - <i>Newland</i>	— 79	
JUGULAR. An account of the dissection of a dog who had mercury injected into one of the jugulars - <i>Pitt</i>	XX 184	III 234
JUICES. Queries concerning vegetation, especially the motion of the juices of vegetables - <i>Anon.</i>	III 797	II 752
— Experiment concerning the expansion of blood, and other animal juices - <i>Boyle</i>	V 2043	
— Extracts of divers letters touching some inquiries and experiments of the motion of sap in trees, and relating to the question of the circulation of the same - <i>Lifter</i>	VI 2119	— 686
A letter relating to some particulars in Mr. Lifter's communications - <i>Willoughby</i>	— 2125	— 685
Extract of a letter both in relation to the farther discovery of the motion of juices in vegetables, and removing the difference noted in Mr. Willoughby's letter - <i>Anon.</i>	— 2126	— 686
— A description of an odd kind of mushroom yielding a milky juice much hotter upon the tongue than pepper - <i>Lifter</i>	VII 5116	— 623
— An account of the nature and differences of the juices, more particularly, of our English vegetables - <i>Lifter</i>	XX 365	— 696
— The effects of the opuntia, or prickly pear, and of the Indigo plant in colouring the juices of living animals - <i>Baker</i>	L 296	
JULIAN PERIOD. A problem for finding the year of		

	Transf.	Abridg.
the Julian Period by a new and very easy method - <i>De Billy</i>	I 324	III 398
— A method for finding the number of the Julian Period for any year assigned; the number of the cycle of the sun; the cycle of the moon; and of the indications for the same year being given; together with a demonstration of that method - <i>Collins</i>	II 568	— 399
— See <i>Style</i> .		
IVORY. Microscopical observations of ivory - <i>Leewenboek</i>	XII 1003	
JUPITER. A spot in one of the belts of Jupiter <i>Hook</i>	I 3	I 382,400
— Some observations concerning Jupiter: of the shadow of his satellites, seen by a telescope, passing over the body of Jupiter <i>Oldenburg</i>	— 143	— 383
— Of a permanent spot in Jupiter; by which is manifested the conversion of Jupiter about his own axis <i>Hook, Cassini, and Oldenburg</i>	— —	— 400
— A more particular account of those observations about Jupiter, than were mentioned in N° VIII. - <i>Boyle</i>	— 171	— —
— Some particulars from foreign parts concerning the permanent spot in Jupiter - <i>Anon.</i>	— 209	— 382
— Observations lately made at London concerning the planet Jupiter - <i>Hook</i>	— 245	— —
— Observations of a transit of the moon by Jupiter Sept. 30, 1671 - <i>Hevelius</i>	VI 3031	— 347
— Observations of Jupiter's transit near two fixed stars, in Derby, Feb. and March 1671 <i>Flamsteed</i>	VII 4036	
— An account of the return of a great permanent spot in the planet Jupiter - <i>Cassini</i>	VII 4039	— 382,400
— Some more accurate observations about Jupiter's transits near fixed stars; useful for determining the inclination of that planet to the ecliptic - <i>Flamsteed</i>	VIII 6033	— 401
— A short account of the three great conjunctions of Saturn, Jupiter, and Mars, at Dantzick, in 1682 and 1683 - <i>Hevelius</i>	XIII 325	— 357,395
— Two astronomical observations of the eclipses of the planet Jupiter by the moon, in March and April 1686, at London <i>Hook and Halley</i>	XVI 85	— 364
— Several observations of the eclipse of Jupiter by the moon Mar. 31, 1686, at Paris <i>Cassini</i>	XVI 175	— 363
At Avignon - - - <i>Bonfa</i>	— 176	— —
At Nurenberg - - - <i>Zimmerman</i>	— 177	— 360
- - - <i>Wurtzelbauer</i>	— —	— 364

Dantzick

	Trans.	Abridg.
Dantziack	XVI 178	I 361
— An account of an occultation of Jupiter by the moon June 6. 1744, at London <i>Bevis</i>	XLIII 65	I 95
— A theory of the irregularities that may be occasioned in the annual motion of the earth by the actions of Jupiter and Saturna <i>Walmesley</i>	XLIX 737	
— An account of an appulse of the moon to Jupiter; observed at Chelsea <i>Dunn</i>	LIII 31	
JUPITER'S SATELLITES. Prediction of the eclipses of Jupiter's satellites 1671; calculated for Uraniburg <i>Cassini</i>	VI 2138	
— An account of an occultation of the first of the satellites of Jupiter by the shadow of this planet <i>Hévelius</i>	— 3029	I 557
— Some advertisements to astronomers about the configurations by him given of the satellites of Jupiter for 1676 and 1677, for the verification of their hypothesis <i>Cassini</i>	XI 681	— 409
— An account of the eclipses or ingresses of Jupiter's satellites into his shadow, and such emergences of them as will be visible at Greenwich in the last three months of 1683 <i>Flamsteed</i>	XII 322	
— A letter from Flamsteed concerning the eclipses of Jupiter's satellites for 1684, with the catalogue of them, and informations concerning its use	XIII 404	
— Concerning the eclipses of Jupiter's satellites for 1685; with a catalogue of them, and information concerning its use <i>Flamsteed</i>	XIV 760	— 557
— Account of the eclipses of Jupiter's satellites for 1686, and a table of the parallaxes of Jupiter's orb; and an ephemeris of Jupiter's geocentric places for the same year <i>Flamsteed</i>	XV 1215	— 563
— Description and uses of an instrument for finding the distances of Jupiter's satellites from his axis, with the help of the table of parallaxes and catalogue of eclipses: printed in the preceding Transactions <i>Flamsteed</i>	— 1262	— 404
— Calculation of the eclipses of Jupiter's satellites for 1687, &c. <i>Flamsteed</i>	XVI 199	
— A catalogue of all the eclipses of Jupiter's satellites visible in 1688 <i>Flamsteed</i>	— 435	— 559
— New and exact tables for the eclipses of the first satellite of Jupiter, reduced to the Julian style, and meridian of London <i>Cassini and Halley</i>	XVIII 237	— 409
K k		Curious

	Transf.	Abridg.
— — Curious observations of the transit of the body and shade of Jupiter's fourth satellite over the disc of the planet — <i>Pound</i>	XXX 900	IV 07
— — New and accurate tables for the ready computing of the eclipses of the first satellite of Jupiter by addition only — <i>Pound</i>	— 1021	IV 308
— — Observations on the satellites of Jupiter and Saturn made with his reflecting telescope — — <i>Hadley</i>	XXXII 385	VI 221
— — Observations of the eclipses of the first satellite of Jupiter in 1723 and 1724, at New York — — <i>Burnet</i>	XXXIII 162	— 409
— — Observations on the immersions and emersions of the innermost satellite of Jupiter 1723 and 1724, at Lisbon — <i>Carbone and Capasso</i>	— 185	
— — The longitude of Lisbon, and the fort of New York, from Wansted and London; determined by eclipses of the first satellite of Jupiter — — <i>Bradley</i>	XXXIV 85	— 412
— — Observationes aliquot circum-Jovialium habitæ anno 1724 — — <i>Bianchini</i>	— 176	— 238
— — Observations of the eclipses of Jupiter's satellites from 1700 to the year 1727; with remarks — — <i>Derham</i>	XXXV 415	— 225
— — The difference in time of the meridians of divers places, computed from observations of the eclipses of Jupiter's satellites — <i>Derham</i>	XXXVI 33	— 414
— — Observations of the eclipses of Jupiter's satellites made at Rome and other places — <i>Bianchini</i>	— 35	
— — Extract of a letter containing observations of the eclipses of Jupiter's satellites, from July 10, 1726, to April 12, 1728; taken at Petersburg — — <i>De Lisle</i>	— 37	— 243
— — A catalogue of the eclipses of the four satellites of Jupiter for the year 1732 — <i>Hodgson</i>	XXXVII 109	— 270
— — Observations of the immersions and emersions of Jupiter's satellites, made at Pekin in 1730 and 1731 — — <i>Kegler and Pereira</i>	— 316	— 249
— — A catalogue of eclipses of Jupiter's satellites for 1733 — — <i>Hodgson</i>	— 321	
— — A catalogue of the eclipses of Jupiter's satellites for 1734 — — <i>Hodgson</i>	XXXVIII 26	VIII 227
— — Observations on the eclipses of Jupiter's satellites — — <i>Manfredus</i>	— 117	— 179
— — A catalogue of eclipses of Jupiter's satellites for 1735 — — <i>Hodgson</i>	— 279	— 227

	Transf.	Abridg.
— A catalogue of the eclipses of Jupiter's satellites for 1736, computed to the meridian of the Royal Observatory at Greenwich <i>Hodgson</i>	XXXIX 5	— —
— The apparent times of such of the immersions and emersions of Jupiter's satellites as are visible at London in 1736; together with their configurations at those times - <i>Hodgson</i>	— 13	— 227
— An account of some observations of the eclipses of the first satellite of Jupiter compared with the tables - <i>Hodgson</i>	XXXIX 15	VIII 227
— The apparent times of the immersions and emersions of Jupiter's satellites which will happen in the year 1737: computed to the meridian of Greenwich - <i>Hodgson</i>	— 177	— —
— Some observations of eclipses of Jupiter's satellites, made at Southwick 1730, near Oundle in Northamptonshire - <i>Lynn</i>	— 196	— 180
— Extract of a letter concerning the eclipses of Jupiter's satellites Annis 1731 and 1732 - <i>De P Isle</i>	— 221	— —
— The immersions and emersions of the four satellites of Jupiter for the year 1738: computed to the meridian of Greenwich <i>Hodgson</i>	— 301	— 228
— The apparent times of such of the immersions and emersions of Jupiter's satellites as are visible at London in 1738 <i>Hodgson</i>	— 309	— —
— The apparent times of the immersions and emersions of Jupiter's satellites for the year 1739: computed to the meridian of the Royal Observatory at Greenwich - <i>Hodgson</i>	XL 69	— —
— The apparent times of such of the immersions and emersions of Jupiter's satellites as are visible in London in the year 1739 <i>Hodgson</i>	— 76	— —
— The apparent times of the immersions and emersions of the four satellites of Jupiter, 1740, at Greenwich - <i>Hodgson</i>	— 332	— —
At London - - <i>Hodgson</i>	— 340	— —
— An occultation of Jupiter and his satellites by the moon Oct. 28, 1740 <i>Bevis and Short</i>	XLI 647	— 184
— A catalogue of the immersions and emersions of the satellites of Jupiter that will happen in the year 1750; of which there are 173 of the first, 85 of the second, 94 of the third, and none of the fourth, by reason of its great latitude; in all 322: computed by the Flamsteedian tables, corrected - <i>Hodgson</i>	XLV 373	X 159

	Transl.	Abridg.
— A catalogue of the immersions and emersions of the satellites of Jupiter for 1751		
— — — — — <i>Hodgson</i>	XLVI 282	— —
— Observations on the eclipses of Jupiter's satellites made at Lisbon in 1753	<i>Chevalier</i> XLVIII 546	
— Observations on the eclipses of Jupiter's satellites at Lisbon in 1754	<i>Chevalier</i> XLIX 48	
— Observations on the eclipses of Jupiter's satellites made at Lisbon in 1757	<i>Chevalier</i> L 378	
— Elements of new tables of the motions of Jupiter's satellites	<i>Dunthorne</i> LII 105	
— A letter containing an essay of a new method for determining the longitude of places, from observations of the eclipses of Jupiter's satellites	<i>Wargentin</i> LVI 278	
— Observations of some immersions of Jupiter's first satellite, observed in Pennsylvania	<i>Mason and Dixon</i> LVIII 329	
— Eclipses of Jupiter's first satellite observed at Greenwich in the year 1769	<i>Maskeelyne</i> LIX 399	
— Eclipses of Jupiter's first satellite; observed at Glasgow with an eighteen-inch reflector of Mr. Short's	<i>Wilson</i> — 402	
— A series of astronomical observations at the Observatory of the Marine at Paris: to wit, 1. Of Jupiter's satellites in the years 1767 and 1768. 2. On the shadows of Jupiter's satellites. 3. On the variation of the belts on the disc of that planet. 4. Of a spot on the disc of the third satellite	<i>M. Messier</i> — 454	
— Observations of the immersions and emersions of Jupiter's first satellite, made at Funchal in Madeira, from 1763 to 1768, with a reflecting telescope of eighteen inches focus	<i>Heberden</i> LX 502	
— A letter containing a proposal of some new methods of improving the theory of Jupiter's satellites	<i>Baillly</i> LXIII 185	
— Account of some eclipses of Jupiter's satellites observed near Quebec	<i>Holland</i> LXIV 171	
— Observations of the immersions and emersions of the satellites of Jupiter, taken at Gaspée in 1768	<i>Sproule</i> — 177	
— Observations of eclipses of Jupiter's satellites at several places of North America	<i>Holland</i> — 182	
— Observations of eclipses of Jupiter's first		

	Transf.	Abridg.
fatellite at Greenwich, compared with observations of the same made by Samuel Holland, Esq. in North America, and the longitudes of the places thence deduced - <i>Maskeelyne</i>	— 184	
— Immersions and emersions of Jupiter's first fatellite observed at Jupiter's inlet, on the island of Anticosta, North America, and the longitude of the place deduced from comparison with observations made at the Royal Observatory at Greenwich by the Astronomer Royal - <i>Wright and Maskeelyne</i>	— 190	
— The difference of Longitude of Greenwich and Paris deduced from the eclipses of Jupiter's first fatellite observed during the last ten years, together with a comparative table of the corresponding observations of the first Satellite made in the principal observatories from 1765 to 1776 - <i>Wargentin</i>	LXVII 162	
K.		
KAMTCHATKA. An account of that part of America which is nearest to the coast of Kamtchatka, extracted from the description of Kamtchatka, by Professor Krasnennicoff <i>Dumarejque</i>	LI 477	
KAPANIHANE. An account of a moving bog in Ireland - - - <i>Anon.</i>	XIX 714	II 737
— A true description of the bog of Kapanihane in the county of Limerick, with an account of the motion thereof, June 7, 1697 <i>Molyneux.</i>	XIX 714	II 737
KEPLER's Manuscripts. Account of <i>Hevelius.</i>	XI 27	
— Solution of his problem - <i>Machin</i>	XL 205	VIII 73
— His method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude, as also to the assigning the moon's correspondent apparent diameter, together with a concise application of this form of calculation to those eclipses <i>Pemberton.</i>	LXI 437	
KERMES. An account of the use of the grain Kermes for colouration - <i>Verny.</i>	I 362	II 765
— An observation concerning certain insect husks of the Kermes kind - <i>Lisler.</i>	VI 2165	II 766
		— Account

	Transl.	Abridg.
— Account of the kind of insect hatched of the English Kermes above described al'o the use of these purple insect husks for tinging, together with a comparison of this English purple Kermes, with the scarlet Kermes of the shops <i>Lisler.</i>	VI 2196	
— Letter enlarging and correcting his former notes upon Kermes; and withal insinuating his conjectures of cochineal's being a sort of kermes <i>Lisler.</i>	VII 5059	
KIDNEY. Anatomical observations of an abscess in the liver; a great number of stones in the gall-bag and bilious vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys, and a great dilation of the vena cava <i>Tyson.</i>	XII 1035	III 81
— Account of a kidney of an unusual shape and texture, taken out of the body of a man, with observations on horns and glandules in general <i>Malpighius.</i>	XIV 601	III 682
— An account of a very large diseased kidney, found on the dissection of a lady, with the symptoms of the disease before her death, and an explanation of their phenomena <i>Cowper</i>	XIX 301	III 143
— Of hydatides inclosed with a stony crust in the kidney of a sheep <i>Cowper</i>	XXV 2304	V 54
— An account of the dissection of a person who died of an ulcer in the right kidney <i>Douglas</i>	XXVII 32	V 257
— An anatomical description of worms, found in the kidneys of wolves <i>Klein.</i>	XXXVI 269	VII 456
— An uncommon dropsy, from the want of a kidney; and a large saccus that contained the water <i>Glass</i>	XLIV 337	IX 1027
— The figures of some very extraordinary calculous concretions formed in the kidney of a woman <i>Lucas</i>	— 465	XI 1001
— An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidneys <i>Le Cat.</i>	LVII 1	
— See <i>Stone</i>		
KILCORN Y CAVE OF. A description of the Cave of Kilcorny in the Barony of Burren in Ireland <i>Lucas</i>	XLI 36	VIII 668
KIRBYTHORE. See ANTIQUITIES.		
KIRCHER. Observations upon father Kircher's opinion concerning the burning of the fleet of		

		Transf.	Abridg.
Marcellus by Archimedes	-	<i>Parsons</i> XLVIII 621	
KITE. Letter concerning an electrical kite	<i>Franklin</i>	XLVII 565	
— Answer to several queries concerning his experiment of electricity with a kite	<i>Lining</i>	XLVIII 757	
KITTLING. The phænomena afforded by a newly kitted kidling in the exhausted Receiver			
	<i>Boyle</i>	- V 2017	
KNEE. An account of an extraordinary tumour in the knee of a person whose leg was taken off			
	<i>Pierce</i>	XLI 56	IX 271
— Two singular cases of diseases at the knee joints successfully treated, the first by topical applications, the second by	<i>Warner</i>	XLIX 452	
KNIFE. Case of one who swallowed a knife, which lay in his stomach a year and seven months, and then worked out at an aposthem on his breast	-	XIX 180	
	<i>Sloane</i>		
KNIGHT. An account of the magnetical machine contrived by Dr. Knight	-	LXVI 591	
	<i>Fothergill</i>		
L.			
LABOURER. Account of some extraordinary tumours upon the head of a labouring man	<i>Parsons</i>	IV 350	
LABRADORE. Particulars of the country of Labradore, extracted from the papers of lieutenant Roger Curtis, of his majesty's sloop the Otter, with a plane-chart of the Coast	-	LXIV 372	
	<i>Curtis</i>		
— Tract of his majesty's armed brig Lion from England to Davis's Straights and Labrador, with observations for determining the longitude by sun and moon, and error of common reckoning; also the variation of the compass and dip of the needle, as observed during the said voyage in 1776	-	LXVIII 1057	
	<i>Pickersgill</i>		
— Two meteorological journals kept at Nain in 57 degrees north latitude, and Okak, in 57 degrees 30 minutes north latitude, both on the coast of Labradore	-	LXIX 657	
	<i>De la Trobe</i>		
LABYRINTH. A description of the organ of hearing in the elephant, with the figure and situation of the offices labyrinth and cochlea in the ear of that animal	-	XXX 835	V 82
	<i>Blair</i>		
LACERATION. Extract of a letter, containing the			

	Transf.	Abridg.
particulars of the case of a wound in the cornea, and of a laceration of the uvea in the eye of a woman - <i>Avery</i>	XLV 411	XI 324
LACERTA. Letter concerning the circulation of the blood, as seen by the help of a microscope, in lacerta aquatica - <i>Melyneux</i>	XV 1236	II 133 III 225
— An account of lacerta (crocodillus) ventre mar- supio donato faucibus merganiferis rostrum æmulantibus - <i>Edwards</i>	XLIX 639	
LACRYMÆ BATAVICÆ. A memoir on the Lacrymæ Batavicæ; or glass drops, the tempering of steel, and effervescence accounted for by the same principle - <i>LeCot.</i>	XLVI 175	X 560
LACTEALS. Some anatomical observations and expe- riments concerning the unalterable character of the whiteness of the chyle within the lacte- ous veins; together with divers particulars ob- served in the guts, especially several sorts of worms found in them - <i>Lifter</i>	VIII 6060	III 101
— An account of an experiment made for altering the colour of the chyle in the lacteal veins <i>Lifter</i>	XIII 6	III 102
— Endeavours to prove that the lacteals frequently convey liquors that are not white - <i>Musgrave</i>	XIV 812	—
— Letter concerning powdered blues passing in the lacteal veins - <i>Lifter</i>	XXII 819	V 259
— An experiment made for the transmitting of a blue coloured liquor into the lacteals - <i>Musgrave</i>	XXII 996	V 259
— Account of an experiment, by which it appears that salt of steel does not enter into the lacteal vessels; with remarks - <i>Wright</i>	L 594	
LAGOPUS. Observations on the lagopus, or ptarmi- gan - <i>Barriington</i>	LXIII 224	
LAKES. Extracts of several letters from Edinburgh, giving an account of an obelisk thrown down by a violent wind, of an extraordinary lake in lord Lovat's lands in Scotland, of Lake Ness, and of a petrying rivulet - <i>Mackenzey</i>	X 307	III 603
— Observations concerning the lake of Mexico <i>Journal des Sçavans</i>	XI 758	II 320
— Letter concerning the lake Ness, &c. - <i>Fraser</i>	XXI 230	— 322
— Observations on the lake Vetter - <i>Hearne</i>	XXIV 1938	
— A description of a large lake called Malholm tarn, near Shipton in Craven, Yorkshire - <i>Fuller</i>	XLI 612	VIII 641
— Account of vegetable balls which grow in a lake near the Humber in Yorkshire, with re-		

marks by W. Watfon	-	-	<i>Diogenes</i>	XLVI 498	
LAMA. Experiments made on a great number of animals, with the poison of Lama's and of Tucunas	-	-	<i>Herissant</i>	- 75	
LAMB. Account of a monstrous lamb	-	-	<i>Doddridge</i>	XLV 502	XI 1218
LAMPAS. Declaration of the Council of the Royal Society passed Nov. 20, 1676. relating to some passages in a late book of Mr. Hook, entituled, Lampas, &c.	-	-	<i>Council of the Royal Society</i>	XI 749	I 586
LAMPS. A discourse concerning the sepulchral lamps of the ancients, shewing the possibility of their being made divers ways	-	-	<i>Plot</i>	XIV 806	III 636
—An easy contrivance of a lamp to be always kept full whilst it burns	-	-	<i>St. Clair</i>	XX 378	II 385
LANCASHIRE. Observations on the Roman colonies and stations in Cheshire and Lancashire	-	-	<i>Parciaval</i>	XLVII 216	
LAND. Instances, hints, and applications relating to a main point solicited in the preface to the fourth volume; concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to promote the generation, of salt, minerals, metals, crystals, gems, stones of divers kinds, and helps to conserve long, or to hasten putrefaction, fertility of any land, &c.	-	-	<i>Boulton</i>	IV 1135	II 728
—Part of a letter concerning the manuring of land in Devonshire with sea sand	-	-	<i>Bury</i>	XXVI 142	IV 2 301
—A letter concerning the manuring of land with fossil shells	-	-	<i>Pickering</i>	XLIII 191	X 796
LANCHESTER. V. <i>Inscription</i>	-	-			
LANGUAGE. An explication of all the inscriptions in the Palmyrene language and character hitherto published	-	-	<i>Swinson</i>	XLVIII 690	
—Extracts of some letters on the customs, manners, and language of the Northern Indians of America	-	-	<i>Johnson</i>	LXIII 142	
—An account of the Romanish language	-	-	<i>Planta</i>	LXVI 129	
—See <i>Deafness</i> , <i>Speech</i>	-	-			
LANGUEDOC. See <i>Ocean</i>	-	-			
LAPIS CALAMINARIS. An account of digging and preparing the Lapis Calaminaris	-	-	<i>Pooley</i>	XVII 672	II 554
LAPLAND. A relation of the small creature called sable mice, which have lately come in troops into Lapland, about Thorne, and other places adjacent to the mountains, in innumerable multitudes	-	-	<i>Rycant</i>	XXI 110	II 871

	Transf.	Abridg.
LARUM. Account of the weavers alarm, vulgo larum - - - <i>Aræfon</i>	XLIII 555	XI 1392
LARYNGOTOMY. An argument for the more frequent use of laryngotomy, urged from a remarkable cure in chirurgery - <i>Musgrave</i>	XXI 398	III 61
LATH. A letter concerning a large piece of lath being thrust into the eye of a man who recovered of it - - <i>Kepel</i>	XLV 520	XI 955
LATITUDE. The description and use of an instrument for taking the latitude of a place at any time of the day - - <i>Graham</i>	XXXVIII 450	III 371
—— Some considerations on a late treatise intituled A new Set of logarithmic solar Tables, &c. intended for a more commodious method of finding the latitude at sea by two observations of the sun - - <i>Pemberton</i>	LI 910	
—— A new method of constructing sun-dials for any given latitude, without the assistance of dialling scales or logarithmic calculations <i>Ferguson</i>	LVII 389	
LATITUDE OF PLACES. An account of the latitude of Constantinople and Rhodes - <i>Greaves</i>	XV 1295	I 564
—— An account shewing that the latitude of Nurenburg has continued without sensible alteration for 200 years last past, as likewise the obliquity of the ecliptick, by comparing them with what was observed by B. Walther in 1487 <i>Wurtzelbaur</i>	XVI 43	I 262
—— An account of the eclipse of the moon observed at Moscua in Russia, April 5, 1688, compared with the same observed at Leipfick, whereby the longitude of the former is ascertained, together with the latitude of several principal places in the empire of Russia <i>Timmerman</i>	XVII 453	I 564
—— A new and exact table, collected from several observations taken in four voyages to Hudson's Bay from London, shewing the variation of the magnetical needle, or sea compass, in the path-way to the said bay, according to the several longitudes and latitudes from 1721 to 1725 - - <i>Middleton</i>	XXXIV 73	VI 2 297
—— A new and exact table, collected from several observations taken from the year 1721 to 1729, in nine voyages to Hudson's Bay, in North America, shewing the variation of the		

compass,

	Transf.	Abbridg.
compass, according to the latitudes and longitudes, accounting the longitude from the meridian of London - <i>Middleton</i>	XXXVII 71	— 2 330
— Observations of latitude and variation taken on board the <i>Hartford</i> , in her passage from Java Head to St. Helena, 1731-2 - <i>Halley</i>	— 331	— 421
— Observations made of the latitude, variation of the magnetic needle, and weather, in a voyage from London to Hudson's Bay, 1735 <i>Middleton</i>	XXXIX 270	VIII 376
— Letter concerning a place in New York for measuring a degree of latitude - <i>Alexander</i>	XLI 383	
— The effects of cold, together with observations of the longitude, latitude, and declination of the magnetic needle at Prince of Wales Fort upon Churchill River in Hudson's Bay, North America - <i>Middleton</i>	XLII 157	VIII 469
— A letter concerning the variation of the magnetic needle, with a set of tables annexed, which exhibit the result of upwards of fifty thousand observations in six periodic reviews from 1700 to 1756, and are adapted to every five degrees of latitude and longitude in the more frequented oceans <i>Mountain and Doofon</i>	L 329	
— Letter containing a short account of the measurement of three degrees of latitude under the meridian of Vienna - <i>Liesganig</i>	LVIII 15	
— Observations made on the islands of St. John and Cape Breton, to ascertain the longitude and latitude of those places, agreeable to the orders and instructions of the commissioners for trade and plantations - <i>Holland</i>	— 46	
— Introduction to the following observations made by Ch. Mason and Jer. Dixon, for determining the length of a degree of latitude in the provinces of Maryland and Pennsylvania in North America - <i>Maskebyne</i>	— 270	
Observations, &c. - <i>Mason and Dixon</i>	— 274	
— Length of a degree of latitude in the province of Maryland and Pennsylvania, deduced from the observations of Messieurs Mason and Dixon <i>Maskebyne</i>	— 323	
— A determination of the latitude of Stamford in Lincolnshire - <i>Barker</i>	LXI 227	
— Astronomical observations made at Leicester for determining the latitude of that place <i>Luslow</i>	LXV 366	

	Transf.	Abridg.
—The variation of the compass, containing 1719 observations to, in, and from, the East-Indies, Guinea, West Indies, and Mediterranean, with the latitudes and longitudes at the time of observation - - - <i>Douglas</i>	LXVI 18	
—The latitude of Madras in the East-Indies, deduced from observations - - - <i>Stephens</i>	LXIX 182	
—Two meteorological journals kept at Nain in 57 degree north latitude, and at Okak in 57 degrees 30 minutes north latitude, both on the coast of Labradore - - - <i>De la Trob.</i>	— 657	
LAUDANUM. An account of two sorts of Helmontian laudanum, together with the way of F. M. Van Helmont preparing his laudanum <i>Boyle</i>	IX 147	II 642
LAUREL WATER. A letter giving an account of two women being poisoned by the simple distilled water of laurel leaves; and of several experiments upon dogs, by which it appears that this laurel water is the most dangerous poison hitherto known - - - <i>Madden</i>	XXXVII 85	VI 2 374
—Some experiments concerning the poisonous quality of the simple distilled water from the lauro-cerasus or common laurel, made upon dogs at Toppingo Hall, Essex; and others made before the Royal Society in their repository <i>Mortimer</i>	— 163	— —
—Letter on the poison of laurel water <i>Rusty</i>	XLI 63	VIII 844
LAY-WELL. An extract of a letter, giving an account of an experiment made in the Bay of Biscay of sinking a bottle, close corked, under various depths of water, and of Lay-well, which ebbs and flows - - - <i>Oliver</i>	XVII 908	II 305
—Answer to several queries relating to Lay-Well <i>Oliver</i>	— 910	— —
LAYERS. How to multiply crab-stocks, and propagate trees by layers - - - <i>Tonge</i>	V 2074	— 752
LEACH. A description of the hirudinella marina, or Sea Leach - - - <i>Garcin</i>	XXXVI 377	VII 418
LEAD. Of a peculiar lead ore in Germany, and the use thereof - - - <i>Anon</i>	I 10	II 576
—A further account of some rock plants growing in the lead mines of Mendip Hills <i>Beaumont</i>	XIII 276	— 503
—Some experiments concerning the cohesion of Lead - - - <i>Desaguliers</i>	XXXIII 345	VI 325
		—An

	Transf.	Abridg.
—An account of the case of a man who died of the effects of the fire at Eddystone light-house by melted lead running down his throat <i>Spry</i>	XLIX 477	
<i>Huxham</i>	— 483	
—A short account of some specimens of native lead found in a mine of Monmouthshire <i>Morris</i>	LXIII 20	
—Chemical experiments and observations on lead-ore - - <i>Richard Watson</i>	LXVIII 863	
LEADEN COFFIN. Vide <i>Antiquities</i>		
LEARNING. Letter concerning the state of learning, and several particulars observed by him lately in Italy - - <i>Silvestri</i>	XXII 627	III 603
LEATHER. Brief directions how to tan leather according to the new invention of the honourable Charles Howard of Norfolk, experimented and approved of by divers of the principal tanners using Leadenhall-Market - <i>Howard</i>	IX 93	II 668.
—An improved method of tanning leather <i>Macbride</i>	LXVIII 111.	
LEAVES. A way of colouring leaves, fruit, &c. <i>Tonge</i>	V 2074	— 752
—Two observations, the one concerning the effects of a poisonous root, the other concerning the virtues of the leaves of hemlock <i>Ray</i>	XIX 634	— 640j
—An account of the veins and arteries of leaves <i>Nicholls</i>	XXXVI 371	VI 2 340
—An observation on the double fibres observable in the skeletons prepared from green leaves <i>Hollman</i>	XLI 789	VIII 818
—Conjectures on the use of double fibres in some leaves, &c. - - <i>Hollman</i>	— 796	— 820
LEECH. Of the long continuance of one alive in the vacuum made in the pneumatical engine <i>Boyle</i>	V 2049	III 147
—The anatomical history of the Leech <i>Poispart</i>	XIX 722	II 819
LEG. An account of stitching the great tendon between the calf of the leg and heel, with its union and cure, after an entire division of it; with remarks - - <i>Cowper</i>	XXI 153	III 298
—A letter concerning a woman of 62 years of age, that lost her leg and greatest part of her thigh, by a gangrene - - <i>Cole</i>	XXVI 41	V 389
—An account of an extraordinary tumour in the knee of a person whose leg was taken off <i>Peirce</i>	XLJ 56	IX 271

	Transf.	Abridg.
———An account of a new-invented instrument for fractured legs - - - <i>Sharp</i>	LVII 80	
LEGION. Letter concerning the Roman legion <i>Musgrave</i>	XXVIII 80	V 2 110
LEGUMS. A way of making all sorts of plants, trees, fruits, and legums, grow to an extraordinary bigness - - - <i>Anon</i>	X 356	II 749
LEIBNITZ. Letter of Dr. Wallis giving an account of some late passages between him and Mynheer Leibnitz of Hanover - - - <i>Wallis</i>	XXI 273	II 2
———Letter of Dr. Wallis to G. G. Leibnitz <i>Wallis</i>	— 280	— —
———A solution of the problem of G. G. Leibnitz, proposed to the English - - - <i>Taylor</i>	XXX 695	IV 46
LEICESTER. Astronomical observations made at Leicester for determining the latitude of that place - - - <i>Ludlam</i>	LXV 366	
L'EMERY. Observations on the class of sweet tastes, made by comparing the taste of sweet plants, with Mr. L'Emery's chymical analysis of them in his treatise of drugs - - - <i>Floyer</i>	XXIII 1160	V 406
LEMON. Some hortular communications about the curious engrafting of oranges and lemons on citrons, upon one another's trees, and of one individual fruit half orange and half lemon growing on such trees, &c. - - - <i>Anon</i>	II 553	II 658
LENS. A proposition relating to the combination of transparent lenses with reflecting planes <i>Hadley</i>	XXXIX 185	VIII 111
———The figure of a machine for grinding lenses spherically, invented by Samuel Jenkins <i>Jenkins</i>	XLI 555	VIII 281
LEPROSY. An abstract of a letter concerning the parts of brain of several animals, the chalk stones of the gout, the leprosy, and the scales of eels - - - <i>Lewenhock</i>	XV 883	III 684
———An account of a visitation of the leprous persons in the isle of Gaudeloupe - - - <i>Peyssonell</i>	L 38	
LETTERS (Antiquities). Some remarks on the first part of Mr. L'Abbé Barthelemy's memoir on the Phœnician letters relative to a Phœnician inscription in the island of Malta <i>Swinton</i>	LIV 119	
———Farther remarks upon Mr. L'Abbé Barthelemy's memoir on the Phœnician letters, containing his reflections on certain Phœnician monuments, and the alphabet resulting from them - - - <i>Swinton</i>	— 393	
LETTERS (Natural History) An account of the Friesland		boy

boy with letters in his eye -	<i>Ellis</i>	Transf. XXXIII 1416	Abridg. V 2 134
— Account of letters found in the middle of a beech tree -	<i>Klein</i>	XLI 231	VIII 845
LEVELS. A new contrivance for taking levels -	<i>Defaguliers</i>	XXXIII 165	VI 271
— A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea in thick and hazy weather without seeing the horizon -	<i>Leigh</i>	XL 413	VIII 360
— The description and use of an apparatus added as an improvement to Davis's quadrant, consisting of a mercurial level for taking the co-altitude of sun or star at sea without the usual assistance of the sensible horizon which frequently is obscured -	<i>Leigh</i>	XL 417	— 362
LEVERS. An account of the advantages of a newly invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers and wheel and pinion -	<i>Le Cerf</i>	LXVIII 950	
LEYDEN BOTTLE. An account of some new experiments in electricity, containing, 1. An enquiry whether vapour be a conductor of electricity. 2. Some experiments to ascertain the direction of the electric matter in the discharge of the Leyden bottle. 3. Experiments on the lateral explosion in the discharge of the Leyden bottle. 4. The description and use of a new prime conductor, 5. Miscellaneous experiments made principally in 1771 and 1772. 6. Experiments and observations on the electricity of fogs in pursuance of those made by Thomas Ronayne, Esq. with a plan of an electrical Journal, &c. -	<i>Henley</i>	LXIV 389	
LIBELLA. Letter concerning the insect called libella -	<i>Poupart</i>	XXII 673	II 762
— Some observations on a sort of libella or ephemeron -	<i>Collinson</i>	XLIV 329	XI 844
— Some observation on the dragon-fly, or libella of Pennsylvania -	<i>Bartram</i>	XLVI 323	— 845
— A further account of the libella or May-fly -	<i>Bartram</i>	— 400	— 846
LICHEN. An historical memoir concerning a genus of plants called Lichen by Micheli, Haller, and Linnæus, and comprehended by Willenius under the terms usnea, coralloides. and lichénoides, tending principally to illustrate their several uses -	<i>W. Watson</i>	L 652	

	Trans.	Abridg.
LIFE. An experiment of preserving animals alive by blowing through their lungs with bellows		
— An estimate of the degrees of the mortality of nations, drawn from curious tables of the births and funerals of the city of Breslaw, with an attempt to ascertain the price of annuities upon lives	II 539	III 66
— A view of the relation between Dr. Halley's tables, and the notions of Mr. de Buffon for establishing a rule for the probable duration of the life of man	XVII 596	
— A letter concerning the value of an annuity for life, &c. the probability of survivorships	XLVIII 239	
— A letter concerning the animal life of those Corallines that look like minute trees, and grow upon oysters, and fucus's, all around the sea-coast of this kingdom	— 487	
— Observations on the expectations of lives, the increase of mankind, the influence of great towns on population, and particularly the state of London with respect to health,fulness, and number of inhabitants	XLVIII 627	
— See <i>Annuities, Mortality, Population</i>	LIX 89	
LIGHT (in general) An experiment to examine what figure and celerity of motion begetteth or increaseth light and flame	I 226	III 639
— Of the light produced by inflammation	LXVI 504	
— New experiments concerning the relation between light and air in shining wood and fish	II 581	II 206
— Experiments of the luminous qualities of amber, diamonds, and gum-lac	XXVI 69	IV 2 275
— Observations of luminous emanations from human bodies and from brutes; with some remarks on electricity	XLIII 441	X 278
LIGHT, METEORS IN THE AIR. Part of a letter concerning a glade of light observed in the heavens March 28, 1706	XXV 2 220	IV 2 133
— Account of several meteors or lights in the sky	XXIX 159	IV 2 135
— An account of the late surprizing appearance of lights seen in the air on the 6th of March 1715-6, with an attempt to explain the principal phenomena thereof	— 406	— 138

	Transf.	Abridg.
Of the same seen on the ocean, near the coast of Spain, with an account of the return of the same sort of appearance on March 31, and April 1, and 2 - - - <i>Hally</i>	— 430	— 151
— An account of a luminous appearance in the air at Dublin, Jan. 12, 1719-20 - <i>Percival</i>	XXXI 21	VI 2 81
— An account of a luminous appearance in the sky seen at London, March 13, 1734-5 - <i>Bevis</i>	XLI 347	VIII 517
— An account of a luminous arch Feb. 16, 1749 <i>Cooper</i>	XLVI 647	X 507
LIGHT (Electrical) An account of an experiment touching the production of a considerable light upon a slight attrition of the hands on a glass globe exhausted of its air; with other remarkable occurrences - <i>Hauksbee</i>	XXV 2277	IV 2 180
— An account of an experiment touching the production of light by the effluvia of one glass falling on another in motion <i>Hauksbee</i>	XXV 2413	— - -
— An account of some experiments touching the electricity and light producible on the attrition of several bodies - - <i>Hauksbee</i>	XXVI 87	
— An account of an experiment touching the production of light within a globe glass, whose inward surface is lined with sealing wax, upon an attrition of its outside - <i>Hauksbee</i>	— 219	— 181
— An account of an experiment touching an attempt to produce light on the inside of a glass globe lined with melted flowers of sulphur, as in the experiments of sealing-wax and pitch <i>Hauksbee</i>	— 439	— - 182
— An account of an experiment concerning an endeavour to produce light through a metallick body, under the circumstances of a vacuum and attrition - - <i>Hauksbee</i>	XXVII 328	— - -
— Experiments and observations upon the light that is produced by communicating electrical attraction to animals or inanimate bodies, together with some of its most surprizing effects <i>Gray</i>	XXXIX 16	VIII 397
— Observations of luminous emanations from human bodies and from brutes, with some remarks on electricity - <i>Miles</i>	XLIII 441	X 278
— Part of a letter concerning the light caused by quicksilver shaken in a glass tube, proceeding from electricity - - <i>Trembley</i>	XLIV 58	X 321
LIGHT (Optics) Of the means to illuminate an ob-		

	Trans.	Abridg.
ject in what proportion one pleaseth, and of the distances requisite to burn bodies by the sun <i>Auzout</i>	I 68	I 280
— A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual <i>Hook</i>	I 202	I 193
— Letter containing his new theory of light and colours <i>Newton</i>	VI 3075	— 128
Some experiments proposed in relation to Mr. Newton's theory of light, with observations thereon by <i>Newton</i>	VII 4059	— 135
Letter of animadversions upon I. Newton's theory of light <i>Pardies</i>	— 4087	— 137
Answer <i>Newton</i>	— 4091	— 139
A series of queries to be determined by experiments, positively and directly concluding his new theory of light and colours. <i>Newton</i>	VII 5004	— 197
Second letter to Mr. Newton's answer to his first letter <i>Pardies</i>	— 5012	— 141
Answer <i>Newton</i>	— 5014	— 142
Answer to some considerations on his doctrine of light and colours <i>Newton</i>	— 5084	— 144
Considerations upon Mr. Newton's doctrine of colours, as also upon the effects of the different refractions of the rays in telescopic glasses in a letter from Paris <i>Amon</i>	VIII 6086	— 202
Answer further explaining his theory of light and colours, and particularly that of whiteness, together with his continued hopes of perfecting telescopes by reflection rather than refraction <i>Newton</i>	— 6087	— 156
Letter concerning the number of colours, and the necessity of mixing them for the production of white, as also touching the cause why a picture cast by glasses into a darkened room appears so distinct notwithstanding its irregular refraction, being an immediate answer to that from Paris <i>Newton</i>	— 6108	— 157
An answer by the same Parisian philosopher	— 6112	— 158
A letter animadverting upon Sir Isaac Newton's theory of light and colours <i>Linus</i>	X 217	I 161
Answer <i>Newton</i>	— 218	
A letter, being a reply to the letter printed vol. K. 219. by way of answer to the former letter of Mr. Linus concerning Newton's theory		

	Transf.	Abridg.
of light and colours - <i>Linus</i>	— 499	— 162
Considerations on the reply, together with further directions how to make the experiments controverted aright - <i>Newton</i>	— 500	
Another letter relating to the same argument <i>Newton</i>	— 503	— 164
— A particular answer to Mr. Linus's letter about an experiment relating to the new doctrine of light and colours - <i>Newton</i>	XI 556	— 163
— Letter concerning Mr. Newton's experiments of the coloured spectrum, together with some exceptions against his theory of light and colours - - - <i>Lucas</i>	— 692	— 165
Answer - - - <i>Newton</i>	— 698	— 168
— A demonstration concerning the motion of light - - - <i>Romer</i>	XII 893	— 409
— Some queries concerning the nature of light and diaphanous bodies - - <i>Halley</i>	XVII 998	II 252
— — An account of some experiment of light and colours formerly made by Sir Isaac Newton, and mentioned in his opticks, lately repeated before the Royal Society <i>Desaguliers</i>	XXIX 433	IV 173
— A plain and easy experiment to confirm Sir Isaac Newton's doctrine of the different refrangibility of the rays of light - <i>Desaguliers</i>	— 448	— 481
— Some experiments made in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen - - - <i>Ellicott</i>	XLVI 578	X 202
— Discourse concerning the cause of the different refrangibility of the rays of light <i>Melvil</i>	XLVIII 261	
— A comparison between the notions of M. de Courtivron and Mr. Melvil concerning the difference of refrangibility of the rays of light - - - <i>Clarrant</i>	— 776	
— An account of some experiments concerning the different refrangibility of light - <i>Doilna</i>	L 733	
— Dissertation on the aberration of light refracted at spherical superficies and lenses <i>Klingenshierno</i>	LI 944	
— A letter containing a theorem of the aberration of the rays of light refracted through a lens, on account of the imperfection of the spherical figure - - <i>Maskeyn</i>	LII 17	
— Rules and examples for limiting the cases in which the rays of refracted light may be reunited into a colourless pencil - <i>Murdoch</i>	LIII 173	

	Transf.	Abridg.
— Difficulties in the Newtonian theory of light considered and removed - <i>Horsley</i>	LX 417	
— A supplement concerning difficulties in the Newtonian theory of light - <i>Horsley</i>	LXI 547	
— Phases of the transit of Venus supposed to be retarded by the aberration of light - <i>Winthrop</i>	LX 358	
— On the effect of the aberration of light on the time of a transit of Venus over the sun - <i>Price</i>	— 536	
LIGHT (Phosphorus) Experiments on the production and propagation of the light from the phosphorus in vacuo - <i>Hauksbee</i>	XXIV 1865	IV 2 181
— An easy method of making phosphorus that will imbibe and emit light like the Bolognian stone, with experiments and observations - <i>Canton</i>	LVIII 337	
LIGHTNING. An account of a young man slain with thunder and lightning, Dec. 22, 1698 - <i>Thorpe</i>	XXI 51	II 179
— Two letters of the effects of lightning in Northamptonshire, July 3, 1725 - <i>Wesley</i>	XXXIII 366	VI 2 70
— An account of persons killed by lightning at Worcester - <i>Beard</i>	XXXIV 118	— 72
— An account of an extraordinary effect of lightning in communicating magnetism at Wakefield in Yorkshire - <i>Dod</i>	XXXIX 74	VIII 504
A farther account of the above lightning - <i>Cookson</i>	— 75	— 505
— An extract of a letter concerning the crooked and angular parts of lightnings in thunder storms - <i>Logan</i>	XXXIX 240	— 507
— An account of a file rendered magnetical by lightning - <i>Eremona</i>	XLI 614	— 506
— Part of a letter concerning some extraordinary effects of lightning - <i>Lord Petre</i>	XLII 136	— 507
— An extract of an Italian treatise, written by Jos. Bianchini, upon the death of the Countess Cornelia Zangari and Bandi of Cesena; to which are subjoined accounts of the death of Jos. Hitchell, who was burned to death by lightning, and of Grace Pett at Ipswich, whose body was consumed to a coal - <i>Rolli</i>	XLIII 447	XI 1068
— A letter concerning the effects of lightning in destroying the polarity of a mariner's compass; to which are subjoined some remarks thereon by Gowin Knight - <i>Waddell</i>	XLVI 111	X 695
— An account of the burning of the steeple of Danbury in Essex, Feb. 5, 1749-50 - <i>Lettsellier</i>	XLVI 611	X 478

	Transf.	Abridg.
— Letter concerning the effects of lightning		
— An account of the effects of lightning at South Molton in Devonshire	<i>Franklin</i> XLVII 289	
— Part of a letter in relation to the effects of lightning at Plymouth	<i>Palmer</i> — 330	
— An account of the effects of lightning in the Danish church in Wellesloe-Square	<i>Hucham</i> XLIX 16	
— A letter concerning the effects of lightning at Dorking in Surry	<i>Brander</i> — 298	
— An account of the effects of lightning upon the steeple and church of Lestwithiel in Cornwall, Jan. 25, 1757	<i>Chilcote</i> — 309	
— An account of some extraordinary effects of lightning, July 16, 1759	<i>Smeaton</i> L 198	
With remarks	<i>Mountain</i> LI 286	
— Extract of a letter concerning a person struck by lightning at Duloe, June 26, 1756	<i>Knight</i> — 294	
— Some suggestions concerning the preventing the mischiefs which happen to ships and their masts by lightning	<i>Huxham</i> LII 517	
— An account of the effects of lightning at South Weald, in Essex, June 18, 1764	<i>W. Watson</i> — 629	
— Observation upon the effects of lightning, with an account of the apparatus proposed to prevent its mischiefs to buildings, more particular to powder magazines, being answers to questions proposed by M. Calandrini of Geneva	<i>Heberdson</i> LIII 193	
— An account of the effects of lightning on St. Bride's Church, Fleet-Street, June 18, 1764	<i>W. Watson</i> LIV 201	
in Essex-Street	<i>Delaval</i> — 227	
— Considerations to prevent lightning from doing mischief to great works, high buildings, and large magazines	<i>Lawrence</i> — 235	
— An account of the effects of lightning on three ships in the East Indies, Aug. 1, 1750	<i>Wilson</i> — 247	
— Proposal of a method for securing the cathedral of St. Paul's from damage by lightning; in consequence of a letter from the dean and chapter of St. Paul's to James West, Esq.	<i>Veicht</i> — 284	
Committee of the Royal Society	LIX 160	
— An account of the appearance of lightning on a conductor fixed from the lee-mast of the main-		

	Transf.	Abridg.
maist of a ship down to the water - <i>Wilson</i>	LX 188	
— An account of the death of a person destroyed by lightning in the chapel in Tottenham-Court-Road, and its effects on the building, as observed by Messrs. Henley, Nairne, and Jones - <i>Henley</i>	LXII 131	
— A report of the committee appointed by the Royal Society to consider of a method for securing the powder magazine at Purfleet from lightning - <i>Committee of the Royal Society</i>	LXIII 42	
Mr. Wilson's dissent to part of the above report - <i>Wilson</i>	— 48	
Answer of the committee to the objections <i>Committee of the Royal Society</i>	— 66	
— Observations upon lightning, and the method of securing buildings from its effects <i>Wilson</i>	— 49	
— A letter to Sir John Pringle on pointed conductors <i>Cavendish, Watson, Franklin, Robertson</i>	— 66	
— An account of the effects of lightning at Steeple Aston and Holt, in the county of Wilts on the 20th of June, 1772 <i>Eliot, Wainhouse, Pitcairn, Paradise</i>	— 231	
— Experiments concerning the different efficacy of pointed and blunted rods, in securing buildings against the stroke of lightning - <i>Henley</i>	LXIV 133	
— An account of a storm of lightning observed on the 1st of March, 1774, near Wakefield in Yorkshire - <i>Nicholson</i>	— 350	
— An account of the effects of lightning on a house, which was furnished with a pointed conductor, at Tenterden in Kent; to which are added some remarks by Mr. Henley - <i>Hoffenden</i>	LXV 336	
— An account of a very extraordinary effect of lightning on a bullock, at Swanborow, in the parish of Ilford, near Lewes in Sussex, in sundry letters from - <i>Lambert and Green</i>	LXVI 463	
— Sundry papers relative to an accident from lightning at Purfleet, May 15, 1777. <i>Nicholson</i>	LXVIII 232	
Report of the committee appointed by the Royal Society for examining the above <i>Committee of the Royal Society</i>	— 236	
Mr. Wilson's dissent from the above report <i>Wilson</i>	— 239	
Mr. Wilson's letter to the king Nov. 12, 1777 <i>Wilson</i>	— 243	

	Transf.	Abridg.
— New experiments and observations on the nature and use of conductors - <i>Wilfon</i>	LXIX 160	
— Account of the effects of lightning on board the Atlas - <i>Croper</i>	— 245	
LILY. A letter with some microscopical observations on the Farina of the red lily - <i>Needham</i>	XLII 634	VIII 816
LIMAX. Observations on the limax non cochleata purpur ferens, the naked snail producing purple - <i>Peysfouet</i>	L 585	
LIMBS. Extract of a letter relating to the cure of mortification of limbs in a family at Wattisham in Suffolk - <i>Wollaston</i>	LII 523	
Another account - <i>Bones</i>	— 526	
Second account - <i>Bones</i>	— 529	
Further account - <i>Wollaston</i>	— 584	
LIME. A letter concerning the relief he found in the stone in the use of Alicant soap and lime-water <i>Lucas</i>	XLIV 463	XI 1000
— Two letters on the property of quick lime - <i>Alston</i>	XLVII 265	
— Experiments of fish and flesh preserved in lime water - <i>Hume</i>	XLVIII 163	
— An account of some trials to keep water and fish sweet with lime-water - <i>Hales</i>	— 826	
— Observations on the lithontriptic virtue of lime-water - <i>Wyatt</i>	L 386	
LIME-TREES. An extract of a letter containing microscopical observations on lime-trees <i>Leetwenboek</i>	XVII 949	III 685
LIMPET FISH. An account of the patella, or limpet fish of Bermuda - <i>Foibles</i>	L 859	
LINCOLNSHIRE. An account of some observables in Lincolnshire, not taken notice of in Camden or any other author - <i>Merret</i>	XIX 343	III 333
— A table of the wathes in Lincolnshire - <i>Merret</i>	— 392	II 267
LINE. Three letters asserting the first invention and demonstration of the equality of the curve line of a paraboloid to a straight line, and next the finding a straight line, equal to that of the cycloid, and of the parts thereof <i>Wallis, Frouncker, and Wren</i>	VII 6146	I 116
— A new universal method of describing all curves of every order by the assistance only of angles and right lines - <i>Maclaurin</i>	XXX 939	IV 57
— A general method of describing curves, by the intersection of right lines, moving about		point

	Transf.	Abridg.
points in a given plane <i>Braikenridge</i>	XXXIX 25	VIII 58
— Letter concerning two species of lines of the third order not mentioned by Sir Isaac Newton nor Mr. Sterling - <i>Stone</i>	XLI 318	— 72
— Extract of a letter containing a commodious disposition of equations for exhibiting the relations of goniometrical lines - <i>Jones</i>	XLIV 560	X 14
— A discourse on the locus for three and four lines celebrated among the ancient geometers - <i>Pemberton</i>	LIII 496	
LINEN CLOTH. A new engine to make linen cloth without the help of an artificer - <i>De Gennes</i>	XII 1007	I 501
LIPS. Part of a letter concerning two deaf persons who can speak and understand one another by the motion of their lips - <i>Waller</i>	XXV 2468	V 2 219
— Case of a young lady who drank sea-water for an inflammation and tumour in the upper lip - <i>Lavington</i>	LV 6	
LIQUOR. An experiment of a way of preparing a liquor that shall sink into and colour the whole body of marble, causing a picture drawn on a surface to appear also in the inmost parts of the stone - <i>Kircher and Bidd</i>	I 125	I 603
— Of an excellent liquor made with cyder, apples, and mulberries - <i>Colepre</i>	II 502	
LIQUORS (Chemistry) The strange and secret changes of liquors examined - <i>B. al</i>	V 1131	II 712
— Observations on several passages in the two last months Transactions relating to mixing and fermenting liquors in vacuo - <i>Anon.</i>	X 533	
— An historical account of a strangely self-moving liquor - <i>Boyl</i>	XV 1188	III 367
— An account of some experiments relating to the production of fire and flame, together with an account of an explosion made by the mixture of two liquors actually cold - <i>Stare</i>	XVIII 201	III 359
— A way to make two clear spirituous inflammable liquors, which differ very little in taste and smell and being mixed together do give a fine carnation colour, without either sensible fermentation or alteration - <i>Geoffroy</i>	XXI 43	III 367
— Observations upon the dissolutions and fermentation which we may call cold, because they are accompanied with a coolness of the liquors into which they pass - <i>Geoffroy</i>	XXII 951	V 421
— An account of the great benefit of blowing		

showers

	Transf.	Abridg.
showers of fresh air up through distilling li- quors - - - - - <i>Hale</i>	XLIX 312	
— A dissertation of the evaporation and several phenomena of air, water, and boiling liquors - - - - - <i>Hamilton</i>	LV 146	
LIQUORS (Medical) Account of the rise and attempts of a way to convey liquors immediately into the mats of blood - - - - - <i>Oldenburg</i>	I 128	II 364
— Some experiments of injecting liquors into the veins of animals - - - - - <i>Fracassati</i>	II 490	III 232
— A confirmation of the experiments made by Sign. Fracassati in Italy, by injecting acid liquors into the blood - - - - - <i>Boyle</i>	II 551	— 233
— Endeavours to prove that the lactica's frequently convey liquors that are not white - <i>Musgrae</i>	XIV 812	III 102
— An experiment made for the transmitting of a blue coloured liquor into the lacteals - <i>Musgrae</i>	XXII 996	V 259
— An account of a person vomiting blood by drink- ing excessive cold liquors in winter - <i>Michelotti</i>	XXXVII 129	VII 508
— An observation of a white liquor resembling milk which appeared instead of serum, separated from the blood after it had stood some time - - - - - <i>Stuart</i>	XXXIX 289	IX 193
— An improvement on the practice of tapping, whereby that operation, instead of a relief for symptoms, becomes an absolute cure for an ascites, exemplified in the case of Jane Ro- man - - - - - <i>Warrick</i>	XLIII 12	XI 1030
A method of conveying liquors into the abdo- men during the operation of tapping - <i>Hale</i>	— 20	
— Some observations proving that the foetus is in part nourished by the liquor amnii - <i>Fleming</i>	LXIX 254	
LIQUORS (Natural History) The causes of mineral springs further enquired; and the strange and secret changes of liquors examined - <i>Beale</i>	IV 1131	II 712
— Account of an insect likely to yield an acid liquor - - - - - <i>Lifter</i>	V 2067	— 792
LIQUOR (Natural Philosophy) Experiments about the degree of the heat of some boiling liquors - - - - - <i>Fahrenheit</i>	XXXIII 1	VI 2 49
LISBON. The longitude of Lisbon, and the Fort of New York, from Wantstead and London, de- termined by eclipses of the first satellite of Ju- piter - - - - - <i>Braley</i>	XXXIV 85	VI 412
LIVER. Anatomical observation of an abscess in the liver; a great number of stones in the gall bag and bilious vessels; an unusual conformation		

	Transf.	Abridg.
of the emulgents and pelvis; a strange conjunction of both kidneys, and a great dilatation of the vena cava - <i>Tyson</i>	XII 1035	II 81
— A remarkable account of a liver appearing glandulous to the eye - <i>Brown</i>	XV 1266	— 83
— Letter concerning the worms in sheeps livers - <i>Leeuwenhoek</i>	XXII 509	— 688
— Part of a letter concerning worms observed in sheeps livers and pasture grounds <i>Leeuwenhoek</i>	XXIV 1522	V 2 266
— Account of an extraordinary impostumation of the liver - <i>Sbert</i>	XXXVII 184	VII 506
— An account of an extraordinary cystis, in the liver, full of water - <i>Jernegan</i>	XLIII 305	XI 971
— An account of a monstrous human fœtus, having neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidneys <i>Le Cat</i>	LVII 1	
LIZARD. An advertisement necessary for all navigators bound up the channel of England on account of the Lizard and Scilly being laid down too far northerly, and the change of the variation of the compass - <i>Anon</i>	XXII 725	I 585
LIZARD SCALY. An account of a new species of the manis or scaly lizard, extracted from the German relations of the Danish Royal Missionaries in the East Indies of the year 1765, published at Hall, in Saxony - <i>Hampe</i>	LX 36	
LOAD-STONE. Of a considerable load-stone digged out of the ground in Devonshire <i>Cotton</i>	II 423	
Observations concerning load-stones and sea compasses - <i>Oldenburg</i>	— 423	— 601
— A letter concerning the load-stone; where chiefly the suggestion of Gilbert, touching the circumvolution of a globous magnet, called Terrella; and the variation of the variation is examined - <i>Petir</i>	— 27	— 607
— An account of experiments concerning the proportional power of the load-stone at different distances - <i>Hauksbee</i>	XXVII 506	IV 2 295
— An account of a treatise entituled calculations and tables relating to the attractive virtue of load-stones by lord Paisley <i>Anon.</i>	XXXVI 245	VI 2 304
— An abstract of a letter concerning the making of magnets without a load-stone - <i>Marcel</i>	XXXVII 294	— 270
— Account of Dr. Knight's method of making artificial load-stones <i>Wilson</i>	LXIX 51	
— See Magnet		

	Transf.	Abridg.
LOAM. A letter concerning Windfor loam <i>Hill</i>	XLIV 458	X 605
LOBE. An uncommon observation of a defect in the right lobe of the lungs - <i>Paiton</i>	LV 79	
LOBLOLLY BAY. The figure and characters of that elegant American evergreen called by the gardeners Loblolly Bay, taken from blossoms blown near London - <i>Ellis</i>	LX 518	
LOBSTER. An account of an hermaphrodite lobster, examined and dissected pursuant to an order of the society - <i>Nicholl</i>	XXXVI 290	VII 421
LOCUS. A discourse on the locus for three and four lines celebrated among the ancient geometers - - - <i>Pemberton</i>	LIII 496	
LOCUSTS. An account of locusts lately observed in Wales - - - <i>Floyd</i>	XVIII 45	II 777
Another account - - - <i>Anon</i>	- 48	
— A narrative of the destruction of the canker-worms and locusts which destroyed the fields near Wirtemberg for several years <i>Wardle</i>	XXXVIII 294	
— An account of the locusts which did vast damage in Walachia, Moldavia, and Transylvania, in the year 1747 and 1748; and of some swarms of them, which in the months of July and August 1748 came into Hungary and Poland - - -	XLVI 30	XI 840
— An account of a singular species of locust <i>Feltor</i>	LIV 53	
— Observations on the cicada or locust of North America - - - <i>Collinson</i>	- 65	
LOC. An account of a new machine, called the marine surveyor, contrived for the mensuration of the way of a ship at sea, more correctly than by the log, or any other method hitherto used for that purpose, together with several testimonials setting forth the usefulness of this invention - - - <i>Saumarez</i>	XXXIII 411	VII 444
— A further account of a new machine called the marine surveyor, designed for the mensuration of the way of a ship at sea, more certainly, than by the log at present in use, or any other method hitherto invented for that purpose - - - <i>Saumarez</i>	XXXVI 45	VI 456
LOGARITHM. Account of the logarithmotechnia of Mercator - - - <i>Wallis</i>	III 759	
Illustration of the same - - - <i>Mercator</i>	- 759	- -
— — A compendious and facile method for constructing the logarithms, exemplified and demonstrated from the nature of numbers,		

	Transl.	Abridg.
without any regard to the hyperbola, with a speedy method for finding the number from the logarithm given - <i>Halley</i>	XIX 58	I 108
— — An easy demonstration of the analogy of the logarithmic tangents to the meridian line, or sum of the secants, with various methods for computing the same to the utmost exactness - <i>Halley</i>	— 202	— 577
— — The quadrature of the logarithmic curve - <i>J. Craig</i>	XX 373	— 56
— — Logarithmotechnia generalis <i>J. Craig.</i>	XXVII 191	IV 156
— — Logometria - <i>Cotes</i>	XXIX 5	IV 171
— — A new method for making logarithms, and finding the number corresponding to a logarithm given, with tables - <i>Long</i>	— 52	— 160
— — Letter containing an explanation of the late Dr. Halley's demonstration of the analogy of the logarithmic tangents to the meridian line or sum of the secants - <i>Robertson</i>	XLVI 559	X 256
— — The construction of the logarithmic lines on the Gunter's scale - <i>Robertson</i>	XLVIII 96	
— — Letter about logarithms - <i>Dodson</i>	— 273	
— — Some considerations on a late treatise, intituled, A new set of Logarithmic Solar Tables, &c. intended for a more commodious method of finding the latitude at sea by two observations of the sun - <i>Pemberton</i>	LI 910	
— — Observations on an infinite series said to express the value of the sum of the logarithms of the natural numbers from unity to any number <i>Bayes</i>	LII 269	
— — A new method of constructing sun-dials for any given latitude, without the assistance of dialling scales or logarithmic calculations - <i>Ferguson</i>	LVII 389	
— — On the nature and construction of logarithms - <i>Jones</i>	LXI 455	
— — Theorems for computing logarithms <i>Hellins</i>	LXX 307	
LOINS. An account of a præternatural tumour on the loins of an infant, attended with a cloven spine - <i>Rutty</i>	XXXI 98	VII 676
LONDON. An extract of two essays in political arithmetic, concerning the comparative magnitude of London and Paris - <i>Petty</i>	XVI 152	
A further assertion of the proposition, and vindication from the objection of some learned persons of the French Nation - <i>Petty</i>	— 237	

	Transf.	Abridg.
— Some reflections on Mr. de Lisle's comparison of the magnitude of Paris with London, and several cities, printed in the memoirs of the academy of sciences at Paris in 1725 <i>Davall</i>	XXXV 432	VI 426
— A letter concerning the number of inhabitants within the London bills of mortality		
— — — — — <i>Brakenridge</i>	XLVIII 788	
— Observations on the expectations of lives, the increase of mankind, the influence of great cities on population, and particularly the state of London with the respect to healthfulness and the number of its inhabitants — <i>Price</i>	LIX 89	
— A comparison of the heat of London and Edinburgh — — — — — <i>Roebuck</i>	LXV 459	
LONDON BRIDGE. Problems concerning the fall of water under Bridges, applied to the falls under London and Westminster Bridges <i>Robertson</i>	L 492	
LONGEVITY. An account of the longevity of the inhabitants of the Bermudas — — — — — <i>Stafford</i>	III 792	III 561
— An anatomical account concerning Thomas Parre, who died in London aged 152 years and nine months — — — — — <i>Harvey</i>	— 886	— 306
— A letter concerning a way for the prolongation of human life — — — — — <i>De Martel</i>	V 1179	— 309
— Account of some very aged persons in the North of England — — — — — <i>Lifter</i>	XIV 597	— 304
— Account of Henry Jenkins, a Yorkshire man, who attained the age of 169 years, with remarks — — — — — <i>Robinson</i>	XIX 266	— 307
— Note confirming the great age of Henry Jenkins — — — — — <i>Hill</i>	— 543	— 367
— An account of examples of long life — — — — — <i>Degg</i>	XXXV 363	VI 429
LONGITUDE (ATTEMPTS FOR THE DISCOVERY OF) A narrative concerning the success of pendulum-watches at sea for discovering the longitude		
— — — — — <i>Holmes</i>	I 13	I 555
— Instructions concerning the use of pendulum-watches for finding the longitude at sea, together with a method of a journal for such watches — — — — — <i>Huygens</i>	IV 937	— 547 — 555
— An instrument for seeing the sun, moon, or stars pass the meridian of any place. Useful for setting watches in all parts of the world with the greatest exactness, to correct sundials, and to assist in the discovery of the longitudes of places — — — — — <i>Derham</i>	XXIV 1578	IV 464
— A new and exact table collected from several		

	Transf.	Abridg.
ral observations taken in four voyages to Hud- son's Bay from London; shewing the varia- tion of the magnetical needle or sea-compass, in the path way to the said Bay, according to the several latitudes and longitudes from 1721 to 1725 - - - <i>Middleton</i>	XXXIV 73	VI - 297
— A method for determining the geographi- cal longitude of places, from the appearance of the common meteors, called falling stars <i>Lynn</i>	XXXV 351	— 400
— A proposal of a method for finding the longitude at sea, within a degree or twenty leagues; with an account of the progress made therein, by a continued series of accu- rate observations of the moon <i>Halley</i>	XXXVII 185	— 401
— A letter concerning the variation of the magnetic needle, with a set of tables annexed, which exhibit the result of upwards of fifty thousand observations, in six periodic reviews from 1700 to 1756, and are adapted to every five degrees of latitude and longitude in the more frequented oceans <i>Mountain and Dodson</i>	L 329	
— Letter giving an account of observations at sea for finding out the longitude by the moon - - - <i>Horley</i>	LIV 329	
— Proposal of a method for measuring de- grees of longitude upon parallels of the equa- tor - - - <i>Mitchell</i>	LVI 119	
— A letter containing an essay of a new me- thod of determining the longitude of places from observations of the eclipses of Jupiter's satellites - - - <i>Wergentin</i>	— 278	
LONGITUDE OF PLACES. An account of an eclipse of the moon observed at Moscua in Russia, April 5, 1688, compared with the same ob- served at Lipsick, whereby the longitude of the former is ascertained, together with the latitude of several principal places in the em- pire of Russia - - - <i>Timmerman</i>	XVI 53	I 564
— An account of some eclipses of the sun and moon observed by Thomas Brattle at Cam- bridge, four miles from Boston in New Eng- land, whence the difference of the longitude between Cambridge and London is determined from the observation of one of them made at London - - - <i>Hoadgson</i>	XXIV 1630	IV 451
— Concerning the true longitude of the Magellan Streights - - - <i>Halley</i>	XXIX 165	IV 453

	Transf.	Abridg.
— — An obfervation of the end of the total lunar eclipfe, March 5, 1718, obferved near the Cape of Good Hope, ferving to determine the longitude thereof, with remarks thereon <i>Halley</i>	XXX 992	IV 451
— — The longitude of Buenos Ayres, determined from an obfervation made there by Pere Feuillée - - <i>Feuillée</i>	XXXII 2	
— — The longitude of Fort-Royal in Jamaica, determined by the eclipfe of the moon, June 18, 1722 - - <i>Halley</i>	— 235	
— — And of Carthagenæ in America - <i>Halley</i>	— 237	VI 408
— — The difference of the meridians of Lisbon, Paris, and London - <i>Carbo</i>	XXXII 1186	— 410
— — The longitude of Lisbon, and the port of New-York, from Wanfted and London, determined by eclipfes of the firft fatellite of Jupiter - - <i>Brasley</i>	XXXIV 85	— 412
— — A new and exact table, collected from feveral obfervations taken from the year 1721 to 1729, in nine voyages to Hudfon's Bay, in North-America, fhewing the variation of the compafs according to latitudes and longitudes, accounting the longitude from the meridian of London - - <i>Middleton</i>	XXXVII 71	VI 2 300
— — Obfervations on the longitude, latitude, and declination of the magnetic needle, and the effects of cold at Prince of Wales's Fort, upon Churchill-River in Hudfon's Bay, North-America - - <i>Middleton</i>	XLII 157	VIII 469
— — A letter containing the results of obfervations of the diftance of the moon from the fun and fixed ftars, made in a voyage from England to the ifland of St. Helena, in order to determine the longitude of the fhip from time to time; together with the whole procefs of computation ufed on this occafion <i>Mafkelyne</i>	LII 558	
— — Propofals to determine the exact difference of longitude betwixt London, Paris, and Greenwich by occultations of fixed ftars by the moon <i>Mafkelyne</i>	— 607	
— — The difference of longitude between the royal obfervatories of Greenwich and Paris, determined by the obfervations of the tranfits of Mercury over the fun in 1723, 1736, 1743, and 1753 - <i>Short</i>	LIII 158	
— — Obfervations made on the iflands of Sta.		

	Trans.	Abridg.
John and Cape-Bréton, to ascertain the longitude and latitude of those places - <i>Holland</i>	LVIII 46	
— Astronomical observations for ascertaining the longitude of several places in North-America - - <i>Holland</i>	LXIV 182	
— Observations of eclipses of Jupiter's first satellite at Greenwich, compared with the observations of the same made by Samuel Holland, Esq. in North-America, and the longitudes of the places thence deduced <i>Maskekyne</i>	— 184	
— Immersions and emersions of Jupiter's first satellite, observed at Jupiter's inlet in the island of Anticosti in North-America, and the longitude of the place deduced from comparison, with observations made at the royal observatory at Greenwich by the Astronomer Royal <i>Wright and Maskekyne</i>	— 190	
— The variation of the compass, containing 1719 observations to, in, and from, the East-Indies, Guinea, West-Indies, and Mediterranean, with the latitudes and longitudes at the time of observation - <i>Douglas</i>	LXVI 18	
— A letter concerning the difference of longitude of the royal observatories at Paris and Greenwich, resulting from the eclipses of Jupiter's first satellite, observed during the last ten years: to which is added a comparative table of the corresponding observations of the first satellite made in the principal observatories - - - <i>Wargentin</i>	LXVII 162	
— Track of his majesty's armed brig Lion from England to Davis's Streights and Labrador, with observations for determining the longitude by sun and moon and error of common reckoning; also the variation of the compass and dip of the needle, as observed during the said voyage in 1776 - <i>Pickersgill</i>	LXVIII 1057	
— of Cork, deduced from astronomical observations - - <i>Longfield</i>	LXIX 163	
— See <i>Compass</i>		
LOOSENESS. Of the use of the root ipecacuanha for loosenesses, translated from a French paper with notes by - - <i>H. Sloane</i>	XX 69	III 114
LOTTERIES. An arithmetical paradox concerning the chances of lotteries - - <i>Roberts</i>	XVII 677	— 679
LOUGHS. Of the bogs and loughs of Ireland <i>King</i>	XV 928	II 732
LOUGH NEAGH. A letter concerning the petrefac-		

	Transf.	Abridg.
tions of Lough Neagh in Ireland: to which is annexed a letter from the right reverend doctor George Berkley, lord bishop of Cloyne, to Thomas Prior, Esq. - <i>Simon</i>	XLIV 305	X 616
LOWDELL. The case of Grace Lowdell, aged about sixty, who had an extraordinary tumour on her thigh - <i>Chandler</i>	XLI 365	IX 236
LUMBAGO. The history of a convulsive rheumatic lumbago - <i>Pitt</i>	XVIII 58	III 263
LUMBRICUS HYDROPICUS, or an essay to prove that the hydatides, often met with in morbid animal bodies, are a species of worms or imperfect animals - <i>Tyson</i>	XVII 506	— 133
— — LATUS, or a discourse on the jointed worm - <i>Tyson</i>	XIII 113	— 121
— — TERES, or some anatomical observations on the round worm bred in human bodies - <i>Tyson</i>	— 154	— 130
LUMINOUS APPEARANCES IN THE AIR. Vide <i>Lights</i> (Astronomical)		
LUMINOUS EMANATIONS. Vide <i>Lights</i> (Natural History)		
LUNATIONS. Short and easy methods for finding the quantity of time contained in any given number of mean lunations, and the number of mean lunations in any given quantity of time - <i>Ferguson</i>	LV 61	
LUNGS. An experiment of preserving animals alive by blowing through their lungs with bellows - <i>Hool</i>	I 539	III 66
Some anatomical observations about the structure of the lungs of frogs, tortoises, &c. and perfecter animals, as also on the texture of the spleen, &c. - <i>Malpighi</i>	VI 2149	II 817
— Letter concerning the structure of the lungs - <i>Temple</i>	VII 5031	III 64
— An account of some animals, that having lungs are yet without the arterious vein; together with some other curious particulars - <i>Swammerdam</i>	VIII 6040	— 256
— An account of an experiment of the injection of Mercury into the blood, and its ill effects on the lungs - <i>Moulin</i>	XVII 486	— 233
— Observations about the polypus of the lungs with Dr. Lister's opinion - <i>Clark</i>	XIX 779	— 68
— Letter concerning a substance coughed up re-		

	Transf.	Abridg.
sembling the vessels of the lungs <i>Buffiere</i>	XXII 545	III 68
— A letter concerning the cure of an apostemation of the lungs - <i>Wright</i>	XXIII 1379	V 223
An answer - <i>Cowper</i>	— 1386	— 227
— Observations on a treatise of M. Hevelius, designed to prove that the lungs do not divide and expand the blood, but on the contrary cool and condense it - <i>Nicholls</i>	XXXVI 163	VII 500
— A case wherein part of the lungs were coughed up - <i>W. Watson</i>	XLI 623	IX 137
— Case of a lad shot through the lungs drawn up by N. Peters - <i>Hallett</i>	XLIII 151	XI 966
— Observations on a case published in the last volume of the Medical Essays, &c. of recovering a man dead in appearance by distending the lungs with air - <i>Fothergill</i>	— 275	— 969
— Cases of the remarkable effects of blisters in lessening the quickness of the pulse in coughs attended with an infarction of the lungs and a fever - <i>Whytt</i>	L 569	
— Case of an extraneous body forced into the lungs - <i>Martin</i>	LV 39	
— An uncommon anatomical observation of a defect in the right lobe of the lungs <i>Paitoni</i>	— 79	
— An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidney - <i>Le Cat</i>	LVII 1	
LUNI-SOLAR TABLES. Emendations and notes upon the antient astronomical observations of Albatenius, with the restoration of his luni-solar tables - <i>Halley</i>	XVII 913	III 522
LUNULA. Letter concerning the quadrature of the parts of the lunula of Hippocrates Chius, performed by Mr. John Perks; with the further improvements of the same by Dr. David Gregory and John Caswell - <i>Wallis</i>	XXI 411	I 27
— The dimensions of the solids generated by the conversion of Hippocrates's lunula, and of its parts about several axes, with the surfaces generated by that conversion <i>De Moivre</i>	XXII 624	I 29
LUPI-CREPITUS. Extract of a letter concerning some remarkable experiments made upon the arteries of hories, with the powder of lycoperdon, or lupi-crepitus, by Monsieur La Fosse <i>Latterman</i>	XLIX 37	
LUSUS NATURAE. A remarkable conformation, or		

lufus naturae in a child	-	<i>Warwick</i>	Transf. XLII 152	Abridg. IX 316
LUXATION. An account of a complete luxation of a thigh-bone, in an adult person, by external violence	-	<i>White</i>	LI 676	
— An account of a case of a luxated thigh-bone reduced	-	<i>Young</i>	— 846	
LYCOPERDON. Extract of a letter concerning some remarkable experiments made upon the arteries of horses, with the powder of lycoperdon, or lupi-crēpus, by Monsieur La Fosse				
— A letter concerning the use of lycoperdon, in stopping blood after amputation	-	<i>Latterman</i>	XLIX 37	
— in stopping blood after amputation	-	<i>Parsons</i>	— 38	
LYMNE. An uncommon sinking of the ground at Lymne in Kent	-	<i>Anon.</i>	XXXV 551	VI 2 203
LYMPHATICK VESSELS. Letters touching the true use of the lymphatick vessels, &c.	-	<i>De Bill</i>	III 791	III 262
— Observations on the origin and use of the lymphatick vessels of animals, being an extract from the Gufstapian lecture	-	<i>Akenfide</i>	L 322	
— An account of the lymphatick system in birds	-	<i>Hewson</i>	LVIII 217	
— An account of the lymphatick system in amphibious animals	-	<i>Hewson</i>	LIX 198	
— An account of the lymphatick system in fish	-	<i>Hewson</i>	— 204	
— A description of the lymphaticks of the urethra and neck of the bladder	-	<i>Henry Walton</i>	— 392	
— On the degrees of heat which coagulates the limph and serum of the blood, with an enquiry into the causes of the inflaming crust, or size as it is called	-	<i>Hewson</i>	LX 384	
LYNCURIUM. Some observations concerning the lyncurium of the ancients	-	<i>W. Watson</i>	LI 394	
LYNUS. Account of Fr. Lynus's dial at Liege	-	<i>Ellis</i>	XXIII 1416	V 2 134
LYRE. Some thoughts concerning the ancient Greek and Roman lyre, and an explanation of an obscure passage in one of Horace's odes		<i>Molyneux</i>	— 1267	IV 474

M.

	Transf.	Abridg.
MACHINES (Chirurgical). The description and draught of a machine for reducing fractures of the thigh - - <i>Ettrick</i>	XLI 562	IX 254
— Description of a machine for dressing and curing unwieldy patients - <i>Le Cat.</i>	XLII 364	— 272
— An account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the bony matter; with a description of a machine made use of to keep the upper and the lower pieces of the bone at their proper distances during the time that the regeneration was taking place; and which may also be of service in fractures happening near the head of that bone <i>Le Cat.</i>	LVI 270	
MACHINES (Mechanical) An account of a catadioptrick telescope, made by John Hadley, Esq. with the description of a machine contrived for applying it to use <i>Hadley</i>	XXXII 303	
— An account of a new machine called the marine surveyor, intended for the mensuration of the way of a ship in the sea, more correctly than by the log, or any other method hitherto used for that purpose, together with several testimonials setting forth the usefulness of this invention <i>Saunders</i>	XXXVI 45	VI 456
— Account of a machine to represent eclipses of the earth <i>Segner</i>	XLI 781	VIII 157
— A scheme of a diary of the weather, together with draughts and descriptions of machines subservient thereto <i>Pickering</i>	XLIII 1	XI 1226
— A description of a machine to blow fire by the fall of water <i>Stirling</i>	— 315	X 205
— A machine for sounding the sea at any depth, or in any part, invented by Mr. William Cock in the year 1738, in a voyage to Georgia <i>Anon.</i>	XLIV 146	— 261
— Account of a machine to write down extempore voluntaries, or other pieces of music <i>Cresset</i>	— 445	— 265
— An account of a machine for killing whales <i>Bond</i>	XLVII 429	

Some

	Transl.	Abridg.
— Some experiments upon a machine for measuring the way of a ship at sea - <i>Smeaton</i>	XLVIII 532	
— An experimental enquiry concerning the natural powers of water and wind to turn mills and other machines depending on a circular motion <i>Smeaton</i>	LI 100	
— Directions for making a machine for finding the roots of equations universally, and the means of using it <i>Rowning</i>	LX 240	
— An account of the magnetical machine contrived by Dr. Knight - <i>Fothergill</i>	LXVI 591	
— Of the degrees and quantities of winds necessary to move the heavier kinds of wind-machines <i>Steelman</i>	LXVII 493	
— Account of advantages of a newly-invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers and wheel and pinion - <i>Le Cerf</i>	LXVIII 950	
MACKENBOY. Letter concerning the effects of Mackenboy, or Tithimalus Hibernicus <i>Alphe</i>	XX 293	
MACREUSE. Some observations on the French Macreufe <i>Robinson</i>	XV 1036	II 850
A letter concerning the French macreufe <i>Ray</i>	— 1041	— —
MADDER ROOTS. Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour <i>Du Ronceau</i>	XLI 390	IX 103
See <i>Bones</i>		
MADEIRA. Of the increase and mortality of the inhabitants of the island of Madeira -	LXII 461	
MADNESS. An account of the diseases of dogs, and several receipts for the cure of their madness, and of those bitten by them, extracted from the papers of Sir T. Mayerne by Sir Theodore de Vaux - <i>Mayerne</i>	XVI 408	II 870 III 282
— A letter touching the efficacy of camphire in maniacal disorders - <i>Kinnear</i>	XXXV 347	VII 632
— See <i>Dog, Hydrophobia</i> -		
MADRASS. The method of making the best mortar at Madrafs in the East-Indies - <i>Pyke</i>	XXXVII 231	VI 465
MAGELLAN. Some remarks on the variation of the magnetical compass published in the memoirs of the academy of sciences, with regard to the general chart of those variations made by E. Halley, as also concerning of longitude of Magellan Straights <i>Halley</i>	XXIX 165	IV 453
		MAGNET.

	Transf.	Abridg.
MAGNET. Accounts of a considerable load-stone digged out of the ground in Devonshire <i>Cotton</i>	II 413	
— Observations about load-stones and sea-com- passes - - - <i>Oldenburg</i>	— 423	II 601
— Answer to some magnetical enquiries <i>Sellers</i>	— 478	— —
— A letter about the load-stone; where chiefly the suggestion of Gilbert touching the cir- cumvolution of a globous magnet, called ter- rella, and the variation of the variation is ex- amined - - - <i>Petii</i>	II 527	— 607
— A rraction of the seventh and last paragraph of Mr. W. Molyneux's letter, v. XIV. p. 552, concerning lough-neagh stone, and its non-ap- plication to the magnet upon calcination <i>Molyneux</i>	XIV 820	— 323
— A paper about magnetism, or concerning the changing and fixing the polarity of a piece of iron - - - <i>J. C.</i>	XVIII 257	— 603
— An account of experiments concerning the pro- portion of the power of the load-stone at dif- ferent distances - - - <i>Hauksbee</i>	XXVII 506	IV 2 295
— An account of some magnetical observations made in the months of May, June, and July, 1732. in the Atlantic and western ocean; as also the description of a water-spout <i>Harris</i>	XXXVIII 75	VIII 742
— An account of an experiment in order to dis- cover the law of magnetical attraction <i>Taylor, Hauksbee</i>	XXIX 294	— - 297
— A meteorological, barometrical, thermometrical, epidemical, and magnetical diary kept at Utrecht, 1729 - - - <i>Van Muschenbroek</i>	XXXVII 357	VII 471
1730 and 1731 - - - <i>Van Muschenbroek</i>	— 408	— - 86 — - 90
— An observation of the magnetic-needle be- ing so affected by great cold that it could not traverse - - - <i>Middleton</i>	XL 310	VIII 741
— Abstract of a letter on giving magnetism and polarity to brads - - - <i>Ardern</i>	L 774	
MAGNET (Artificial) A letter concerning the magne- tick quality acquired by iron, upon standing for a long time in the same posture <i>Leeuwenhoek</i>	XXXII 72	VI 2 277
— An abstract of a letter concerning the making of magnets without a load-stone - <i>Marcel</i>	XXXVII 294	— - 270
— Account of a file rendered magnetical by light- ning - - - <i>Bremond</i>	XLI 614	— 506
— A method of making artificial magnets without		

	Transf.	Abridg.
the use of natural ones - <i>Canton</i>	XLVII 31	
— An account of the magnetical machine, contrived by the late Dr. Gowin, Knight <i>Fothergill</i>		
— Account of Dr. Knight's method of making artificial load-stones - <i>Wilson</i>	LXVI 591	
MAGNET. (Declination of the) A letter concerning the present declination of the magnetic needle and the tides - <i>D. B.</i>	LXIX 51	
— An observation concerning the declination of the, needle made at Rome about the beginning of 1670 - <i>Azout</i>	III 726	II 607
— Letter concerning some supposed alteration of the meridian line, which may affect the declination of the magnetic needle and the pole's elevation - <i>Wallis</i>	V 1184	— 608
— — Observations on the dipping needle made at London 1723 - <i>Graham</i>	XXI 285	I 265
— — Observations of the declination of the magnetic needle, the effects of cold, longitude and latitude made at prince of Wales's Fort, upon Churchill-River in Hudson's Bay, North-America - <i>Middleton</i>	XXXIII 332	VI 2 28
— Experiments on two dipping needles which were made agreeable to a plan of the reverend Mr. Michell - <i>Nairne</i>	XLII 157	VIII 469
— — Description of a new dipping needle <i>Lorimer</i>	LXII 476	
— — Experiments made on the dipping needle by desire of the Royal Society 1775 <i>Hutchins</i>	LXV 79	
— — An account of observations on the dipping needle, made at Albany Fort, in Hudson's Bay - <i>Hutchins</i>	— 129	
MAGNETS (Experiments with) An account of some magnetical experiments - <i>Colepreys</i>	LXVI 174	
— A narrative of the strange effects of thunder upon a magnetic card - <i>Anon.</i>	II 502	
— Several observations of the respect of the needle to a piece of iron held perpendicular, made by the master of a ship crossing the equinoctial line 1684 - <i>Anon.</i>	XI 647	II 180
— Letter concerning a new sort of a magnetical compass, with several curious magnetical experiments - <i>De la Hire</i>	XV 1213	
— Part of a letter giving an account of several mag-	XVI 344	II 620

	Transf.	Abridg.
netical experiments, and of one who pretended to cure or cause diseases at a distance, by applying a sympathetick powder to the urine <i>Leeuwenhoek</i>	XIX 512	III 685
Concerning the magnetism of drills <i>Ballard</i>	XX 417	
— An account of some magnetical experiments and observations <i>Derham</i>	XXIV 2136	IV 2 290
Farther observations and remarks <i>Anon.</i>	— 2138	— 291
— An extract of a letter giving an account of some experiments relating to magnetism <i>Taylor</i>	XXXI 204	VI - 253
— A letter on the strength of magnets <i>Muschenbroeck</i>	XXXIII 370	— - 255
— An account of a treatise entitled "Calculations and tables relating to the attractive virtue of load-stones" <i>Anon.</i>	XXXVI 245	— - 304
— Magnetical observations and experiments <i>Savery</i>	XXXVI 295	— - 260
— An abstract of a letter concerning experiments made on the Indian magnetick sand <i>Muschenbroeck</i>	XXXVIII 297	VIII 737
— An account of an extraordinary effect of lightning in communicating magnetism, at Wakefield in Yorkshire <i>Dod</i>	XXXIX 74	— 504
A farther account of the above lightning <i>Cookson</i>	— 75	— 505
— Extract from the journal books of the Royal Society concerning magnets having more poles than two <i>Eames</i>	XL 383	— 740
— An account of some magnetical experiments made before the Royal Society, June 24, 1736 and April 24, 1737 <i>Desaguliers</i>	— 385	— —
— An account of some magnetical experiments shewed before the Royal Society Nov. 15, 1744 <i>Knigh</i>	XLIII 167	X 678
— A letter concerning the poles of Magnets being variously placed <i>Knigh</i>	— 361	— 688
— A collection of magnetical experiments in the years 1746 and 1747 <i>Knigh</i>	XLIV 656	— 681
— Some new method of suspending magnetical needles <i>Ingen-Housz</i>	LXIX 537	
MAGNETS. (Variation) The variation of the magnetic needle predicted for many years following <i>Oldenburg</i>	III 789	II 610
— Observation on the variation of the magnet at Dantzick in 1670 <i>Hevelius</i>	V 2059	— 609
— Undertakings concerning the variation of the		variation

	Transf.	Abridg.
variation of the magnetical compass, and the inclination of the inclinatory needle; as the result and conclusion of 38 years magnetical study - - - <i>Bond</i>	VIII 6065	I 587
— A theory of the variation of the magnetical compass - - - <i>Halley</i>	XIII 208	II 610
— Account of the variation of the needle at Cabo Cors Castle, on the coast of Guiney <i>Heathcote</i>	XIV 578	
— Repetition of the observations on the variation of the magnetic needle made at Norimberg some years past, in the present year 1685 <i>Volckamer, Wurtelbaur, and Eimmart</i>	XV 1253	— 609
— An account of the cause of the change of the variation of the magnetical needle, with an hypothesis of the structure of the internal parts of the earth - - - <i>Halley</i>	XVII 563	— 615
— A demonstration of an error committed by common surveyors in comparing of surveys taken at long intervals of time, arising from the variation of the magnetic needle <i>Molyneux</i>	XIX 625	I 125
— Observations on the thermometer and magnetic needle in his voyage to the Cape of Good Hope 1700 - - - <i>Cunningham</i>	XXII 577	
— Letter concerning captain Edmund Halley's map of magnetic variations, and some other things things relating to the magnet - - - <i>Wallis</i>	XXIII 1106	IV 2 286
— Observations upon the variation of the needle made in the Baltick in 1720. - - - <i>Sanderfon</i>	XXXI 120	
— The variation of the magnetical compass observed in a passage from Cape St. Lucar in California to the isle of Guam or Guana, one of the Ladronez, with some remarks thereon <i>Roger</i>	— 173	VI 2 286
— Observation of the variation on board the Royal African Pacquet in 1721 in the Ethiopic Ocean - - - <i>Cornwall</i>	XXXII 55	— - 289
— An account of observations made of the variation of the horizontal needle at London, in the latter part of the year 1722, and beginning of the year 1723 - - - <i>Graham</i>	XXXIII 96	— - 290
— An account of an unusual agitation in the magnetical needle, observed to last some time in a voyage from Maryland - - - <i>Hoxton</i>	XXXVII 53	— - 304
— Observations of the variations of the needle and weather, made in a voyage to Hudson's Bay in 1731 <i>Middleton</i>	XXXVIII 127	VIII 468

	Transf.	Abridg.
— Observations of the latitude, variation of the magnetic needle, and weather, made in a voyage from London to Hudson's Bay, 1735 <i>Meadelton</i>	XXXIX 270	VIII 376
— The variation of the magnetic needle as observed in three voyages from London to Maryland - - - <i>Horton</i>	XLI 171	— 744
— Some observations made during the last three years of the quantity of the variation of the magnetic horizontal needle to the westward <i>Graham</i>	XLV 279	X 698
— Letter concerning the variation of the magnetic needle - - - <i>Wargentin</i>	XLVII 126	
— An attempt to point out, in a concise manner, the advantages which will accrue from a periodic review of the variation of the magnetic needle throughout the known world, addressed to the Royal Society by William Mountaine and James Dodson, and requesting their contribution thereto, by communicating such observations concerning it as they have lately made and can procure from their correspondents in foreign parts <i>Mountaine and Dodson</i>	XLVIII 875	
— A letter concerning the variation of the magnetic needle, with a set of tables annexed, which exhibit the result of upwards of fifty thousand observations in six periodic reviews from 1700 to 1756; and are adapted to every five degrees of latitude and longitude in the more frequented oceans <i>Mountaine and Dodson</i>	L 329	
— An attempt to account for the regular diurnal variation of the horizontal magnetic needle; and also for its irregular variation at the time of an aurora borealis - <i>Canton</i>	LI 398	
— A letter containing some observations on the variation of the magnetic needle, made on board the Montagu man of war in 1760, 1761, 1762 - - - <i>Ross</i>	LVI 216	
— The variation of the compass; containing 1719 observations to, in, and from, the East-Indies, Guin-a, West-Indies, and Mediterranean, with the latitudes and longitudes at the time of observation - <i>Douglas</i>	LXVI 18	
— Track of his majesty's armed brig Lion from England to Davis's Straights and La-		

	Transf.	Abridg.
brador, with observations for determining the longitude by sun and moon, and error of common reckoning; also the variation of the compass and dip of the needle as observed during the said voyage in 1776 - <i>Pickersgill</i>	LXVIII 1057	
— See <i>Compass, Loadstone</i> - - -		
MAGNETICAL SAND. Letter concerning magnetical sand - - - <i>Butte-fis-la</i>	XX 336	II 577
MAGNITUDE. Experiments concerning the time required in the descent of different bodies of different magnitudes and weights in common air from a certain height - - - <i>Haukebee</i>	XXVII 196	IV 2 182
— The general mathematical laws which regulate and extend proportion universally, or a method of comparing magnitudes of any kind together, in all the possible degrees of increase and decrease - - - <i>Glenie</i>	LXVII 450	
MAIZE. The description, culture, and use of maize - - - <i>Winthorpe</i>	XII 1065	II 630
— The extract of a letter concerning the improvements to be made by maize; with a note on the same by John Ray - - - <i>Bulkley</i>	XVII 938	— 634
— An account of the maize or Indian corn - <i>Cooke</i>	LXI 205	X 752
MALACCA. A letter containing a technical description of an uncommon bird from Malacca - - - <i>Badenach</i>	LXII 1	
MALHOLM TARN. A description of a large lake called Malholm Tarn, near Skipton, in Craven, Yorkshire - - - <i>Fuller</i>	XLI 612	VIII 641
MALLEUS. An account of the case of a boy who had the Malleus of each ear, and one of the incus drop out - - - <i>Morant</i>	LII 264	
MALLOW. A letter concerning the wonderful increase of the seed of plants, <i>e. g.</i> of the up right mallow - - - <i>Hobson</i>	XLII 32 c	VIII 824
MALM. A letter concerning certain chalky tubulous concretions, called malm - - - <i>Needham</i>	— 634	— 732
MALPIGHI. Extract of a letter giving an account of Mr. Malpighi, the circumstances of his death, and what was found remarkable at the opening of his body - - - <i>Lancisi</i>	XIX 467	III 31
MALT. An account of the manner of making malt in Scotland - - - <i>Moray</i>	XII 1069	II 627
MALTA. Some remarks on the first part of Mr L'Abbé Barthelemi's memoirs on the Phœnician letters relative to the inscription in the island of Malta - - - <i>Swinton</i>	LIV 119	

	Transf.	Abridg.
MALTA. See <i>inscription</i>		
MALTON. See <i>inscription</i>		
MALVERN HOLY WEIL. An essay on the waters of the Holy Weil at Malvern, Worcestershire <i>Wall</i>	XLIX 459	
— A letter concerning the good effects of Malvern Waters in Worcestershire <i>Wall</i>	L 23	
MAMMOTH. Observations, and a description of some Mammoth bones dug up in Siberia, proving them to have belonged to elephants <i>Bryne</i>	XL 124	IX 87
MAN. An account of a man of a strange imitating nature <i>Gosien</i>	XII 842	III 8
— The anatomy of a decrepid old man of 109 years <i>Scheuchzer</i>	XXXII 313	VII 689
— Letter concerning a man who lived eighteen years on water <i>Campbell</i>	XLII 240	IX 238
— Extract of a letter concerning two men of an extraordinary bulk and weight <i>Knowlton</i>	XLIV 100	XI 1245
— An essay towards ascertaining the specific gravity of living men <i>Robertson</i>	L 30	
— See <i>Annuities, Mortality, Population</i>		
MANCHELLE APPLE. Singular observations upon the Manchelle apple <i>Peyssonet</i>	L 772	
MANCHESTER. See <i>Population</i>		
MANDEVILLE, Sir JOHN. Account of Sir John Mandeville's tomb at Leige <i>Ellis</i>	XXIII 1416	V 2 134
MANGE. An experiment of bleeding a mangy into a found dog <i>Coxe</i>	II 451	III 229
MANGOSTANS. The settling of a new genus of plants called after the Malaysans Mangostians <i>Garcin</i>	XXXVIII 232	VIII 755
MANILLA. Extract of a letter describing the island of Manilla <i>Pye</i>	XLIX 458	
MANIS. See <i>Lizard</i>		
MANNA. Observations on the manna Perficum <i>Fothergill</i>	XLIII 86	IX 1299 IX 1299
— With additions in the Abridgment		
— Letter concerning the method of gathering of manna near Naples <i>More</i>	XLVI 470	
— Some account of the manna tree <i>Cirilli</i>	LX 233	X 776
MANNERS. Extracts of some letters on the customs, manners, and language of the Northern Indians of America <i>Johnson</i>	LXIII 142	
MANTLE TREE. An account of an antient mantle tree in Northamptonshire, on which the date of it (for the year 1133) is expressed by the		

	Transf.	Abridg.
numeral figures, which shews the great antiquity of those figures in England -	XIII 399	I 107
MANUFACTURE. An account of a balance of a new construction, supposed to be of use in the woollen manufacture - - - <i>Ludlam</i>	LV 205	
— An account of the discovery of the manner of making isinglass in Russia, with a particular description of its manufacture in England, from the produce of British fisheries <i>Jackson</i>	LXIII 1	
MANURE. Part of a letter concerning the manuring of land in Devonshire with sea sand - <i>Bury</i>	XXVI 142	IV 2 301
— A letter concerning the manuring of land with fossil shells - - - <i>Pickering</i>	XLIII 191	X 796
MANUSCRIPTS. An account of Kepler's manuscripts <i>Hevelius</i>	IX 27	
— A letter concerning some Indian manuscripts, lately sent to the university of Oxford <i>Lewis</i>	XX 421	II 397
— Extract of a letter concerning seignior Redi's manuscripts - - - <i>Anon.</i>	XXI 42	— 789
— Letter judging of the age of MSS. the style of learned authors, painters, musicians, &c. <i>Wanley</i>	XXIV 1993	V 2 1
— A letter giving an account of what manuscripts were left by Mr. John Ray - - <i>Dale</i>	XXV 2282	V 184
— Remarks on a vellum manuscript <i>Schelhammer</i>	XXVII 459	
— Account of the method of preserving the manuscripts found at Herculaneum <i>Condamin</i>	XLIV 622	
MAPS. An advertisement of a way of making more lively counterfeits of nature in wax, than are extant in painting; and of a new kind of maps in low relief; both practised in France <i>Anon.</i>	I 99	I 193
— An ingenious proposal for a new sort of maps of countries, together with tables of sands and clays, such chiefly as are found in the north parts of England - - - <i>Lister</i>	XIV 739	II 450
— An account of a large and curious map of the great Tartary - - - <i>Witsen</i>	XVII 499	
— A letter containing a geographical description and map of the kingdom of Tunis, with a postscript relating to the cure of intermittent fevers, in those parts - - - <i>Shau</i>	XXXVI 177	VI 423
— The construction and use of spherical maps, or such as are delineated upon portions of a spherical surface. - - - <i>Colson</i>	XXXIX 204	VIII 354
— Of the best form of geographical maps <i>Murdock</i>	L 553	

	Transf.	Abridg.
— A short dissertation on maps and charts		
— Some account of a new map of the river Volga	L 563	
	LVIII 214	
MARBLES. An experiment of a way of preparing a li- quor that shall sink into and colour the whole body of marble, causing a picture, drawn on a surface, to appear also in the inmost parts of the stone - <i>Keicher and Bira</i>	I 125	I 603
— A suggestion for retrieving the art of hard- ening and tempering steel for cutting por- phyre and other hard marbles - <i>Anon.</i>	VIII 6010	II 599
— Method of colouring marbles - <i>Anon.</i>	XXII 727	IV 2 205
— An extract of a letter concerning a quarry of marble in the county of Farnanagh in Ireland	XXVIII 278	— 206
— Experiments on several pieces of marble stained by Robert Chambers - <i>Da Costa</i>	L1 30	
— A dissertation on the manner of producing white marble - <i>Rafpe</i>	LX 47	
MARINE INSECT. An account of a remarkable ma- rine insect - <i>Dupont</i>	LIII 57	
MARINE PRODUCTION. An account of a remarkable marine production - <i>Ruffell</i>	LII 554	
MARINERS BOW. An account of Thomas Godfrey's improvement of Davis's quadrant transferred to the mariners bow - <i>Logan</i>	XXXVIII 441	VIII 366
MARLE. Experiments upon the different kinds of Marle found in Staffordshire - <i>Withering</i>	LXIII 161	
MARS. Observations of the planet Mars made at London in February and March, 1665-6		
Observations made in Italy, confirming the former and withal fixing the period of the revolution of Mars - <i>Hoot</i>	I 239	I 423
— An observation of the planet Mars - <i>Cassini</i>	I 242	
— Observations on Mars in the autumn of 1736 made at Berlin - <i>Kirch</i>	VII 5118	— 424
— (Occultations of) An occultation of Mars, and certain fixt stars, observed at Dantzic, Sep- tember 1, 1676 - <i>Hevelius</i>	XLI 573	
— An observation of Mars covered by the Moon. Aug. 21, at Greenwich - <i>Flamsteed</i>	XI 721	— 350
— Observations of the occultation of Mars by the the moon, October 7, 1736, Fleet-street	— 723 — 724	— —
	XL 100	VIII 186
		Covent.

	Transf.	Abridg.
Covent-garden - - - <i>Bevis</i>	XL 101	
— (Conjunctions of) A short account of three great conjunctions of Saturn, Jupiter, and Mars, at Dantzick, in 1682 and 1683		
<i>Hevelius</i>	XIII 325	I 357
— (Parallax of) Comparison of observations made relating to the parallax of Mars at the Cape of Good Hope, by Mr. De La Caillè, and at Greenwich by Dr. Bradley		
<i>De L'Isle</i>	XLVIII 512	
MARSHES. On the noxious quality of putrid marshes		
<i>Priestley</i>	LXIV 90	
Farther Proofs of the insalubrity of marshy situations - - - <i>Priestley</i>	LXIV 96	
MARSUPIALE AMERICANUM seu CARIGUEYX, the anatomy of an Opossum - - - <i>Tyson</i>		
MARTIN. Account of the house martin, or Martlet	XX 105	II 881
<i>White</i>		
— Of the house and Sand-Martin - - - <i>White</i>	LXIV 106	
— Of the torpidity of swallows and martins	LXV 258	
<i>Cornish</i>		
— Account of the free martin - - - <i>Hunter</i>	— 343	
MARYGOLD. A letter concerning a zoophyton somewhat resembling the flower of the marygold	LXIX 279	
<i>Hughes</i>		
MARYLAND. Remarks on some animals, plants, &c. sent from Maryland - - - <i>Petiver</i>	XLII 590	IX 111
— Letter concerning several observables in Maryland - - - <i>Jones</i>	XX 393	II 253
MATHEMATICS. A letter concerning some mistakes, to be found in a book intituled, "Specimina Mathematica F. du Laurens," especially touching a certain problem affirmed to have been proposed by Dr. Wallis, to the mathematicians of all Europe, to solve it	XXI 436	III 600
<i>Wallis</i>		
Animadversions on a printed paper intituled, responsio F. du Laurens ad epist. D. Wallisii ad Oldenburgium - - - <i>Wallis</i>	III 654	
Second letter on the same paper - - - <i>Wallis</i>	— 744	
Continuation of the second letter - - - <i>Wallis</i>	— 775	
— An answer to four papers of Mr. Hobb's, lately published - - - <i>Wallis</i>	— 825	
— Answer to the book intituled Lux Mathematica	VI 2241	
<i>Wallis</i>		
— A description of a mathematic historical table	VII 5067	
<i>Mangola</i>	XI 667	

	Transf.	Abridg.
MATHEMATICS A paper asserting some mathematical inventions to their true authors <i>Gregory</i>	XVIII 233	I 116
— A solution of two mathematical problems proposed by John Bernoulli - <i>Anon.</i>	XIX 384	— 463
— Letter of Dr. Wallis, giving an account of some late passages between him and Myn Heer Leibnitz of Hanover - <i>Wallis</i>	XXI 273	II 2
— Some easy methods for the measuring of curved-lined figures, plain and solid - <i>Wallis</i>	XXII 547	I 58
— A solution of the problem proposed in the French Diary, Feb. 1403, by John Bernoulli <i>Craig</i>	XXIV 1527	IV 35
— A general solution of a mathematical problem formerly proposed to the English in the Acta Lipsiensia - <i>Anon.</i>	XXIX 399	IV 45
— Extracts from Mr. Gascoigne's and Mr. Crabrie's letters, proving Mr. Gascoigne to have been the inventor of the telescopic sights of mathematical instruments, and not the French <i>Derham</i>	XXX 603	— 345
— A solution of the problem of G. G. Leibnitz, lately proposed to the English <i>Taylor</i>	XXX 695	— 46
— Problem solved by <i>Waring</i>	LIII 294	
— Two theorems <i>Waring</i>	LV 143	
— A demonstration of two theorems mentioned in Article XXV. of the Philosophical Transactions for the year 1775 - <i>Hutton</i>	LXVI 600	
— The general mathematical laws which regulate and extend proportion universally; or a method of comparing magnitudes of any kind together, in all the possible degrees of increase and decrease - - - <i>Glenie</i>	LXVII 450	
MATLOCK. Account of the petrefactions near Matlock Baths in Derbyshire, with conjectures concerning petrefactions in general <i>Gilks</i>		
— Experiments and observations on the waters of Luxton and Matlock in Derbyshire <i>Percival</i>	XLI 352	VIII 707
— A description of a petrified stratum formed from the waters of Matlock in Derbyshire <i>Dobson</i>	LXII 455	
	LXIV 124	
MATTER. Some theorems respecting the infinite divisibility of matter - - - <i>Keil</i>	XXIX 82	IV 423
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and, that therefore there is an interspersed vacuum <i>Desaguliers</i>	XXXI 81	VI 2 157

	Trans.	Abridg.
— Queries concerning the cause of cohesion of the parts of matter - - <i>Triewald</i>	XXXVI 39	— - 5
— (Phyfic) Case of a large quantity of matter of water contained in cyffes or bags adhering to the peritonæum, and not communicating with the cavity of the abdomen - <i>Graham</i>	XLI 708	IX 187
MATRIX. An account of a woman who had a double matrix - - - <i>Vassal</i>	IV 969	III 205
MATY. A short account of Dr. Maty's illness, and of the appearance in the dead body, which was examined on the 3d of August 1776, the day after his decease <i>Hunter and Watson</i>	LXVII 6c8	
MAXIMA. Of the tangents of curves deduced immediately from the theory of maxima and minima <i>Ditton</i>	XXIII 1333	IV 7
MAY-DEW. Some observations and experiments upon May-Dew - - - <i>Henshaw</i>	I 33	II 141
MAY-FLIES. A further account of the libellæ or May-flies - - - <i>Bartram</i>	XLVI 400	XI 846
MEAD. An abstract of Dr. Mead's mechanical account of poisons - - <i>Marlana</i>	XXIII 1320	
MEAL DUST. Case of a man seized with a fever from the effects of meal dust - <i>Latham</i>	LX 451	
MEASURES. An account of the standard measures preserved in the capitol at Rome <i>Folkes</i>	XXXIX 262	IX 486
— Of the measure and motion of running water <i>Jurin</i>	XLI 5	VIII 282
— An account of the analogy betwixt English weights and measures of capacity <i>Barlow</i>	XLI 457	IX 488
— An account of the proportions of the English and French measures and weights from the standard of the same kept at the Royal Society	XLII 185	IX 489
— A new experiment of the proportion of the English and French measures <i>Maskeleyne and Bird</i>	LVIII 326	
MECHANICS. Universal solution of cubic and bi-quadratic equations, viz. analytical, geometrical, and mechanical - - <i>Coisson</i>	XXV 2353	IV 66
MECHANICS. An account of an experiment explaining a mechanical paradox, viz. that two bodies of equal weight, suspended on a certain sort of balance, do not lose their equilibrium, by being removed one farther from, the other nearer to the center - <i>Desaguliers</i>	XXXVII 125	VI 310
— A letter containing some observations upon the		

	Transf.	Abridg.
mechanic arts of the Indians - <i>Papin</i>	XXVIII 225	V 2 182
— Dynamic principles, or metaphysical principles of mechanics - <i>Jurin</i>	XLIV 103	X 183
— The properties of the mechanic powers demonstrated, with some observations on the methods that have been commonly used for that purpose - <i>Hamilton</i>	LIII 103	
— A memoir concerning the most advantageous construction of water-wheels, &c. - <i>Mollet</i>	LVII 372	
— An experimental examination of the quantity and proportion of mechanic power, necessary to be employed in giving different degrees of velocity to heavy bodies, from a state of rest - <i>Smeaton</i>	LXVI 450	
MEDALS. An easy method of procuring the true impression or figure of medals, coins, &c. - <i>Baker</i>	XLIII 77	
— See <i>Coins</i>		
MEDICAL. Some new experiments of injecting medicated liquor into the veins, together with the considerable cures performed thereby - <i>Fabritius</i>	II 564	III 234
— An account of some chymical, medicinal, and anatomical particulars - <i>Behm</i>	III 650	III 84
— Relation of an uncommon case in physic at D. ntzick - <i>Kirkby</i>	VIII 6093	— 351
— A letter containing some considerable observations in the practise of physic - <i>Turbervill</i>	XV 839	— 110
— A relation of four extraordinary medico-chirurgical cases - <i>Greenhill</i>	XXII 617	— 33
— An account of an unusual medicinal case - <i>Manginat</i>	— 756	— 93
— A relation of a deaf and dumb person who recovered his hearing and speech after a violent fever: with some other medical and chirurgical observations - <i>Martin</i>	XXV 2469	— 113
— Two medico-chirurgical observations on the hydatides and consequences of an incompleat hernia, and on the functions of the intestines exposed to sight - <i>Le Cat</i>	XLI 712	V 355
— Various medico-chirurgical observations - <i>Schlichting</i>	XLII 270	V [357]
— Observations on a case published in the last volume of the medical essays, &c. of recovering a man dead in appearance, by distending the lungs with air - <i>Fothergill</i>	XLIII 275	V 2 127

	Transf.	Abrid.
MEDICINAL SPRING. An account of a medicinal spring in Dorsetshire - <i>Higmore</i>	IV 1128	II 333
— Letter concerning a medicated spring in Glamorganshire - <i>Aubry</i>	XIX 727	—
— An account of a new medicinal well lately discovered near Moffat in Annandale, in the county of Dumfries - <i>Walker</i>	L 117	—
MEDICINES. A problem proposed to the practitioners of physic, by - <i>Cockburn</i>	XXIV 1753	—
— A solution of the problem for determining the doses of purging and emetic medicines <i>Cockburn</i>	— 2119	V 273
— A letter containing some observations upon the physic of the Indians - <i>Papin</i>	XXVIII 225	— 2 182
— A letter concerning the operation of medicines <i>Quincy</i>	XXXI 71	VII 586
— The effects of the Tonquinese medicine <i>Reid</i>	XLIII 212	XI 1044
— Mead's physical observations on ipecacuanha <i>Gmelin</i>	— 382	X 761
— A brief botanical and medical history of the solanum lethale, bella donna, or deadly nightshade - <i>W. Watson</i>	L 62	—
— A letter concerning the medicinal effects of a poisonous plant exhibited instead of the water parsnip - <i>Pulteney</i>	XLII 469	—
— A description of three substances mentioned by the Arabian physicians, in a paper sent from Aleppo, and translated from the Arabic by <i>Channing</i>	LVII 21	—
MEDITERRANEAN. Advice touching the conjunction of the Ocean with the Mediterranean <i>Petit</i>	I 41	III 683
— A narrative of the conjunction of the Ocean and the Mediterranean by a canal cut through Languedoc in France - <i>Anon.</i>	IV 1123	—
— Some additions to the narrative about the conjunction of the Ocean and Mediterranean by a canal in France - <i>Froidour</i>	VII 4080	—
MEGAMETER. Account of a new megameter <i>Boscovich</i>	LXVII 789	—
MELLOON. Account of one Edward Melloon, born at Port Leicester in Ireland, who was of an extraordinary size - <i>Musgrave</i>	XX 184	— 1
MELONS. Way of ordering melons <i>De la Quintinie</i>	IV 501	II 638
— Further directions - <i>De la Quintinie</i>	— 923	— 639
— Some microscopical observations and curious re-		

	Transf.	Abridg.
marks on the vegetation and exceeding quick propagation of moldiness, on the substance of a melon - - - <i>Bradley</i>	XXIX 490	IV 2 308
— A letter concerning the vegetation of melon-seed forty-two years old <i>Triewald</i>	XLII 115	VIII 824
— Letter concerning the vegetation of melon-seed thirty-three years old - - - <i>Gale</i>	XLIII 265	X 761
MEMBRANES. A further account concerning the existence of veins in all kinds of plants; together with a discovery of the membranous substance of those veins, and some acts in plants resembling those of sense; and also the agreement of the venal juice in vegetables with the blood of animals, &c. - - - <i>Lifter</i>	VII 5131	II 693
— Microscopical observations on the blood-vessels and membranes of the intestines <i>Leeuwenhoek</i>	XXVI 53	V 2 267
— Observations upon the membranes enclosing the fasciculi of fibres, into which a muscle is divided - - - <i>Leeuwenhoek</i>	XXXI 129	VII 464
MEMORY. Account of the strength of memory when applied with due attention - - - <i>Wallis</i>	XV 1269	III 661
MENDIP. A curious description of the strata observed in the coal-mines of Mendip in Somersetshire - - - <i>Strachey</i>	XXX 968	IV 2 260
MENE. Letter concerning the stocking the river Mene with oysters - - - <i>Rowlands</i>	XXXI 250	VII 420
MENSES. A letter containing the case of a woman who had her menses regularly to 70 years of age - - - <i>Yonge</i>	XXVIII 236	V 360
MENSTRUUA. A discourse on this problem; why bodies dissolved in menstrua specifically lighter than themselves swim therein <i>W. Molyneux</i> With some reflections - - - <i>T. Molyneux</i>	XVI 88 — 93	I 535 — 537
MERCATOR. An easy mechanical way to divide the nautical meridian line in Mercator's projection, with an account of the relation of the same meridian line to the curva catenaria <i>Perks</i>	XXIX 331	IV 456
— Remarks on the censure of Mercator's chart, in a posthumous work of Mr. West of Exeter <i>Dunn</i>	LIII 66	
A defence of Mercator's chart against the censure of Mr. West - - - <i>Mountain</i>	— 69	
MERCURIAL LEVEL. The description and use of an apparatus added as an improvement to Davis's quadrant, consisting of a mercurial level, for taking the altitude of sun or star, at sea, with-		

	Transf.	Abridg.
out the usual assistance of the sensible horizon, which frequently is obscured - <i>Leigh</i>	LX 417	VIII 362
MERCURY. Part of a letter concerning the strange effects from the eating Dog Mercury, with remarks thereon by Hans Sloane - <i>Baxter</i>	XVII 875	II 640
— (Mineral) Letter concerning the mines of Mercury in Friuli - <i>Pope</i>	I 21	II 577
— (Medicine) An account of an experiment of the injection of Mercury into the blood, and its ill effects on the lungs - <i>Moulin</i>	XVII 486	III 233
— An account of the dissection of a dog who had Mercury injected into one of the jugulars - <i>Pitt</i>	XX 184	— 234
— A Letter containing some experiments made upon mad dogs with Mercury - <i>James</i>	XXXIX 244	IX 218
— An account of what was observed upon opening the corpse of a person who had taken several ounces of crude Mercury internally; and of a plum-stone lodged in the coats of the rectum - <i>Madden</i>	— 291	— 152
— An account of a large glandular tumor in the pelvis; and of the pernicious effects of crude Mercury given inwardly to the patient - <i>Cantwell</i>	XL 139	— 184
MERCURY (Barometer) A relation of some mercurial observations, and their result - <i>Oldenburg</i>	I 153	II 2
— A prospect of the weather, winds, and height of the Mercury in the barometer, on the first day of the month, and of the whole rain in every month in 1703, and beginning of 1704 at Townley in Lancashire, by R. Townley, and at Upminster, by W. Derham - <i>Townley and Derham</i>	XXIV 1877	
— Several experiments on the mercurial phosphorous - <i>Hauksbee</i>	— 2129	IV 2 180
MERCURY (the planet) An observation of a transit of Mercury under the sun, Oct. 31, 1690, at Nuremberg - <i>Wurtzelbauer</i>	XVII 483	I 426
— An account of the appearance of Mercury, passing over the sun's disk, on the 29th of October, 1723, determining the mean motion, and fixing the nodes of that planet's orb - <i>Halle</i>	XXXIII 228	VI 253
— Observations of the transit of Mercury over the sun, Oct. 31, 1736, Fleet-Street - <i>Grabau</i>	XL 102	VIII 194
	<i>Manfredi</i> — 103	
	<i>Weidler</i> — 110	— 198
		— A11

	Transf.	Abridg.
— An account of Mercury eclipsed by Venus, observed at Greenwich, May 17, 1737 <i>Bevis</i>	XL 394	VIII 207
— An account of a transit of Mercury over Venus, May 17, 1737, at Greenwich - <i>Bevis</i>	XLI 630	
— A synopsis of the calculation of the transit of Mercury over the disk of the sun, 25th of October, 1743 - <i>Catlyn</i>	XLII 235	— 204
— A letter concerning the transit of Mercury over the sun, April 21, 1740, at Cambridge in New England - <i>Winthrop</i>	— 572	— 199
— An account of the transit of Mercury over the sun, Oct. 25, 1743, in the morning <i>Graham</i>	— 578	— 202
— A letter of the transits of Mercury over the sun, Oct. 31, 1736, and Oct. 25, 1743 <i>Bevis</i>	— 622	— 198
— Some observations concerning Mercury <i>Bevis</i>	XLIII 48	X 104
— Observations of Mercury seen over the sun, Nov. 5, 1743, at Giesa - <i>Gersten</i>	XLIV 376	— —
— Observations on the transit of Mercury over the sun, May 6, 1753 - <i>Short</i>	XLVIII 192	
— Letter concerning the transit of Mercury over the sun, May 6, 1753, as observed at the island of Antigua - <i>Tyrrel and Shervington</i>	— 318	
— An account of a memoir read at the academy of sciences at Paris by M. de Barros, concerning certain phenomena, observed by him at Paris in the last transit of Mercury over the sun <i>Short</i>	— 361	
— The difference of longitude between the Royal Observatories of Greenwich and Paris, determined by the observations of the transits of Mercury over the Sun in 1723, 1736, 1743, 1753 - <i>Short</i>	LIII 158	
— Observation of the transit of Mercury over the sun, Oct. 25, 1743 - <i>Winthrop</i>	LIX 505	
— An account of the transit of Mercury at Norriston in Pennsylvania, Nov. 9, 1769 <i>Smith</i>	LX 504	
— Account of an observation of the transit of Mercury over the sun, Nov. 9, 1769, at Cambridge in New England - <i>Winthrop</i>	LXI 51	
MERIDIAN. Of a correspondency to be procured for the finding out the true distance of the sun and moon, from the earth by the parallax, observed under, or near, the same meridian <i>Oldenburg</i>	I 151	I 300
— Letter proposing a new place for the first meri-		

	Transf.	Abridg.
dian, and pretending to evince the equality of all natural days, as also to shew a way of knowing the true place of the moon		
<i>Professor of Seville</i>	X 425	I 270
Answer to the above letter - <i>Flamsteeda</i>	— 429	— 556
— An instrument for seeing the sun, moon, or stars pass the meridian of any place, useful for setting watches in all parts of the world with the greatest exactness, to correct sun-dials, to assist in the discovery of the longitudes of places - - - <i>Derham</i>	XXIV 1578	IV 464
— Observations on the meridian height of the sun, to investigate the elevation of the pole at Lisbon - - - <i>Corbon</i>	XXXIV 95	
— The difference in time of the meridians of diverse places, computed from observations of the eclipses of Jupiter's satellites - <i>De ban</i>	XXXVI 33	VI 414
— See <i>Longitude</i>		
MERIDIAN LINE. An easy demonstration of the analogy of the logarithmic tangents to the meridian line, or sum of the secants, with various methods for computing the same to the utmost exactness - - - <i>Halley</i>	XIX 202	I 577
— Letter concerning some supposed alteration of the meridian line; which may affect the declination of the magnetic needle, and the poles elevation - - - <i>Wallis</i>	XXI 285	— 265
— New way of drawing the meridian line <i>Gray</i>	XXII 762	IV 461
— Letter concerning drawing the meridian line by the pole star, and finding the hour by the same - - - <i>Gray</i>	— 815	— 462
— An easy mechanical way to divide the nautical meridian line in Mercator's projection, with an account of the relation of the same meridian line to the curva catenaria <i>Perks</i>	XXIX 331	— 456
— Letter containing an explanation of the late Dr. Halley's demonstration of the analogy of the logarithmic tangents to the meridian line, or the sum of the secants - <i>Robertson</i>	XLVI 559	X 256
MESENTERY. Account of an unusual rupture of the mesentery - - - <i>Swammerdam</i>	X 273	III 118
— Letter concerning a child who had its intestines, mesentery, &c. in the cavity of the thorax - - - <i>Holt</i>	XXII 992	V 260
METAL (In general) A description of the uses of a		

	Transf.	Abridg.
certain powder for yielding very close and smooth metal, and of easy carriage, &c. for casting of guns - - - <i>Anon.</i>	VIII 6040	II 557
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer of Zurich sent to J. Petiver - - - <i>P. t. w. e. r.</i>	XXIV 2042	IV 2 286
— Experiments concerning the effects of air passed through red-hot metals - - - <i>Hauksbee</i>	XXVII 199	— 182
— The specific gravity of metalline cubes, in comparison of their like bulks of water <i>Hauksbee</i>	— 521	
— Some observations towards composing a natural history of mines and metals - - - <i>Nicholls</i>	XXXV 401	VII 4 102
— A second letter containing farther observations towards composing a natural history of mines and metals - - - <i>Nicholls</i>	— 480	II 187
— The description and manner of using an instrument for measuring the degrees of the expansion of metals by heat - - - <i>Ellicott</i>	XXXIX 297	VIII 464
METAL. (Use of, in making instruments) A new method of improving and perfecting catadioptrical telescopes, by forming the speculums of glass instead of metal - - - <i>Smith</i>	XLI 326	— 113
— A discourse concerning the usefulness of thermometers in chemical experiments, and concerning the principles on which the thermometers now in use have been constructed; together with the description and uses of a metalline thermometer newly invented by <i>Mortimer</i>	XLIV 672	X 435
— A letter concerning a metalline thermometer in the museum of the Society at Spalding <i>Johnson</i>	XLV 128	— 446
— A description of a metalline thermometer <i>Fitzgerald</i>	LI 823	
— Directions for making the best composition for the metals of reflecting telescopes; together with a description of the process for grinding, polishing, and giving the great speculum the true parabolic curve - - - <i>Mudge</i>	LXVII 296	
— The principal properties of the engine for turning ovals in wood or metal, and of the instrument for drawing ovals upon paper demonstrated - - - <i>Ludlum</i>	LXX 378	
METAL. (Chemistry) How terrestrial streams may be the generative cause both of minerals and metals, and of all the peculiarities of springs <i>Beal</i>	V 1154	
— A continuation of the discourse concerning		

	Transf.	Abridg.
vitriol, shewing, that vitriol is usually produced by sulphur, acting on and coagulating with a metal, and then making out, that alum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and alum do agree in the saline principle; and lastly, declaring the nature of the salt in brimstone, and whence it is derived - - - <i>Anon.</i>	IX 66	II 544
— Experiments and observations on the agreement between the specific gravities of the several metals and their colours when united to glass, as well as those of their other proportions - - - <i>Delavai</i>	LV 10	
— An account of rings consisting of all the prismatic colours, made by explosions on the surface of pieces of metal - - - <i>Priestly</i>	LVIII 68	
METAPHYSICS. Principia dynamica five principia mechanica - - - <i>Jurin</i>	XLIV 103	X 183
METEORS. An account of a considerable meteor seen in many distant places in England, Sept. 20, 1676 - - - <i>Wallis</i>	XII 863	II 200
— An account of an extraordinary meteor, or kind of dew resembling butter, that fell last winter and spring in Ireland - - - <i>Van</i>	XIX 224	
Bishop of Cloyne - - -	—	
— A letter giving an account of some appearances in the heavens in Ireland, 1708 <i>Derham</i>	XXVI 308	IV 2 134 — - 193
— A letter giving an account of a meteor which was seen in Yorkshire, and other neighbouring counties, upon May 18, 1710 <i>Thoresby</i>	XXVII 322	— - 134
— Account of several meteors or lights in the sky <i>Halley</i>	XXIX 159	IV - 135
— A letter giving a relation of a fiery meteor seen in Jamaica, to strike into the earth; with remarks on the weather, earthquakes, &c. of that island - - - <i>Barham</i>	XXX 837	— - 131
— An account of the extraordinary meteor seen all over England, on the 19th of March, 1718-9, with a demonstration of the uncommon height thereof - - - <i>Hanley</i>	— 973	— - 156
— A description of the great meteor seen on the 6th of March, 1715-6 - - - <i>Cotes</i>	XXXI 66	— - 82
— A method for determining the geographical longitude of places from the appearance of the		

	Transf.	Abrid g
common meteors called falling stars <i>Lynn</i>	XXXV 351	VI 400
— A new method for composing a natural history of meteors - <i>Greenwood</i>	— 390	VI 2 390
— Of the meteor called an Ignis Fatuus, from observations made in England and others in Italy <i>Derham and Derham</i>	XXXVI 204	— - 147
— An account of a meteor seen in the air in the day-time on Dec. 8, 1733 - <i>Crocker</i>	XLI 346	VIII 517
— Notices of some meteors observed at Philadelphia - <i>Breintnall</i>	— 359	— 518
— An account of several - - <i>Shori</i>	— 625	— —
— An account of a meteor seen at Peckham Dec. 11, 1741 - - - <i>Milne</i>	XLII 138	— 521
— An account of a meteor seen near Holkam in Norfolk, Aug. 1741 - <i>Lord Lovell</i>	— 183	— —
— Appearance of a fiery meteor seen, by Craddock	XLIII 78	X 478
— Account of a fiery meteor seen in the air July 14, 1745 - - - <i>Cofford</i>	XLIII 522	
— December 16, 1742 - - - <i>Mortimer</i>	— 524	
— An extraordinary meteor seen in the county of Rutland, which resembled a water-spout <i>Barker</i>	XLVI 248	— 479
— Several accounts of a fiery meteor which appeared Nov. 26, 1752, collected by J. Pringle, Remarks on the several accounts of the fiery meteor which appeared Nov. 26, 1718, and other such bodies - - - <i>Pringle</i>	LI 218	
— An account of a meteor seen at Shefford in Berkshire, Oct. 20, 1759; with some observations of the weather of the preceding winter <i>Förster</i>	— 259	
— Another account of the same meteor at Bath <i>Colebrooke</i>	— 299	
— Another account at Chigwell-Row, Essex <i>Dutton</i>	— 301	
— An account of a meteor seen in New England, May 10, 1760, and of a whirlwind felt in that country July 10, 1760 <i>Winthrop</i>	— 302	
— An account of a remarkable meteor seen at Oxford, Sept. 21, 1760 - <i>Swinton</i>	LII 6	
— An observation of a fiery meteor seen at the Hague, Dec. 21, 1758 - <i>Gabry</i>	— 99	
— An account of a remarkable meteor October 6, 1763 - - - <i>Dunn</i>	LIII 5	
— An account of several fiery meteors seen in North-America - - - <i>Winthrop</i>	— 351	
	LI V 185	

	Trans.	Abridg.
— An account of a remarkable meteor seen at Oxford, March 5, 1764 - - <i>Swinton</i>	LIV 326	
— An account of a remarkable meteor seen at Oxford, April 23, 1764 - - <i>Swinton</i>	— 332	
— Description of a meteor seen at Oxford, Oct. 12, 1766 - - <i>Swinton</i>	LVII 108	
— An account of an extraordinary meteor seen at Oxford, Oct. 24, 1769 - - <i>Swinton</i>	LX 532	
— A letter containing an account of a fiery meteor seen on the 10th of February 1772, in the shire of Berwick - <i>Brydone</i>	LXIII 163	
— See <i>Aurora Borealis, Lights in the Air</i>		
METEOROLOGICAL OBSERVATIONS. A letter concerning the use which may be made of the following history of the weather - <i>Plot</i>	XV 930	II 46
Observations of the wind, weather, and height of Mercury in the barometer at Oxford		
<i>Plot</i>	— 932	
— A discourse concerning weather <i>Garden</i>	— 991	— 118
— A discourse of the rule of the decrease of the height of the Mercury in the barometer, according as places are elevated above the surface of the earth, with an attempt to discover the true reason of the rising and falling of the Mercury upon change of weather		
- - - <i>Hall</i>	XIV 104	— 14
— An account of the quantity of rain falling monthly for several years successively at Townley in Lancashire - <i>Townley</i>	XVIII 51	— 43
— A letter about a contrivance to measure the height of the Mercury in the barometer by a circle on one of the weather plates, with a register of the weather, &c. for 1679		
- - - <i>Derham</i>	XX 45	— 12
— Part of a letter accompanying his observations of the Mercury in the barometer, rains, winds, &c. for the year 1698 <i>Derham</i>	XXI —	— 73
— Observations on what rain fell at Townley in Lancashire in 1697 and 1698, with some other observations on the weather		
<i>Townley</i>	— 47	— 86
— Some observations on the sun's altitude, with the changes of the weather at Enay, in China - <i>Cunningham</i>	— 323	—
— Observations on the weather 1699, made at Upminster in Essex - <i>Derham</i>	XXII 527	— 90

	Transf.	Abridg.
— — — Some observations on the weather, &c. for some years past - - - <i>Derham</i>	XXIII 1443	IV 2 52
— — — Observations of the weather made in a voyage to China, 1700 - - <i>Cunningham</i>	XXIV 1639	
A register of the wind and weather in China, with the observations of the mercurial barome- ter at Chusan, from Nov. 1700 to Jan. 1702 <i>Cunningham</i>	— 1648	— - 26
— — — A prospect of the weather, winds, and height of the Mercury in the barometer on the first day of the month, and of the whole rain in every month in 1703 and beginning of 1704, at Townley in Lancashire, and at Up- minster, - <i>Townley and Derham</i>	— 1877	
— — — A register of the weather kept at Oates in Essex, 1692 - - - <i>Locke</i>	— 1917	— - 48
— — — An account of a storm of rain that fell at Denbigh in Wales - - - <i>Anon.</i>	XXV 2342	
— — — Meteorological tables kept at Upminster, 1705 <i>Derham</i>	— 2378	— - 70
— — — Part of a letter concerning a storm of thunder, lightning, and rain at Leeds in Yorkshire, Aug. 5, 1708 - <i>Thoresby</i>	XXVI 289	V 2 40
— — — Tables of the barometrical altitudes at Zurich in Switzerland, in the year 1708, by Scheuchzer, at Upminster, in England, by Derham; as also, of the rain at Pisa, in Italy, in 1707 and 1708, by Tilli; and at Zurich, in 1708; and at Upminster in all that time: with remarks on the same tables, as also on the winds, heats, and colds, and divers other matters occurring in those three different parts of Europe - - - <i>Derham</i>	XXVI 342	
— — — A meteorological, barometrical, thermometrical, epidemical, and magnetical diary kept at Utrecht, 1729 - - <i>Van Muschenbroek</i>	XXXVII 357	VII 4 71
1730, 1731 - - - - -	— 408	— - 86 — - 90
— — — An account of the rain which fell every year at Upminster, in Essex, during the last eighteen years, with remarks upon that of the year 1714; also a comparison of what has been observed of that kind at Paris, by M. De la Hire - - - <i>Derham</i>	XXIX 130	IV 2 100
— — — An account of an Aurora Borealis seen at Cruwys Moreland, in Devonshire, Fe-		

	Transf.	Abridg.
bruary 6, 1720-1, with an account of the weather before and after it - <i>Cruwey</i>	XXXI 186	VI 2 89
— A letter concerning the effects of a violent shower of rain in Yorkshire, May 18. 1722 - - <i>Therelby</i>	XXXII 101	— - 58
— An account of the depth of rain fallen from April 1, 1722 to April 1, 1723, at Waddington, in Northumberland <i>Horsley</i>	— 328	
— An invitation to an association for forming meteorological diaries, with a specimen <i>Jurin</i>	— 422	— - 122
— Observations on the weather in a voyage to Hudson's Bay, 1730 - <i>Middleton</i>	XXXVII 76	— - 55
— Observations made at Padua in six years <i>Polenus</i>	— 201	— - 131
— An abstract of meteorological diaries communicated to the Royal Society, with remarks, Part I. - <i>Derham</i>	— 261	— - 139
— An abstract of the meteorological diaries, made at Petersburg, and at Lunden in Sweden, 1724 and 1725, Part II. with remarks upon them - <i>Confett and Derham</i>	XXXVIII 101	VIII 555
— Observations on the variations of the needle and weather, made in a voyage to Hudson's Bay in 1731 - <i>Middleton</i>	— 127	— 268
— An abstract of the meteorological diaries communicated to the Royal Society for 1726, with remarks upon them, Part III. <i>Derham</i>	— 334	IX 339
— An abstract of meteorological diaries, communicated to the Royal Society in 1727, with remarks, Part IV. - <i>Derham</i>	— 405	
— Astronomical, physical, and meteorological observations in 1733, at Wirtemberg <i>Weidler</i>	XXXIX 238	VIII 178 — 550
— Observations made of the latitude, variation of the magnetic needle and weather, made in a voyage from London to Hudson's Bay, 1735 - - <i>Middleton</i>	— 270	— 376
— An account and abstract of the meteorological diaries, communicated to the Royal Society for 1729, 1730 - <i>Hayley</i>	XL 154	— 578
— A summary of six years meteorological observations made at Padua - <i>Polenus</i>	— 39	

	Transf.	Abridg.
— Collections from the diary of the weather and barometer, in order to settle rules for foretelling the weather by the barometer <i>Brighton</i>	XL 259	
— A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea, in thick and hazy weather, without seeing the horizon <i>Leigh</i>	XL 413	VIII 360
— Extract from the diaries of the weather, kept at Rome <i>Revillas</i>	XLI 193	— 422
— An inquiry into the causes of a dry and wet summer <i>Anon.</i>	— 519	— 482
— A letter containing remarks on the weather, and accompanying three synoptical tables of meteorological observations for fourteen years from 1726 to 1739 <i>Lynn</i>	— 686	— 604
— An account and abstract of the meteorological observations for the years 1731-32-33-34-35 <i>Haaley</i>	XLII 243	— 589
— Meteorological observations made at Charles-Town, in South-Carolina <i>Jurin</i>	— 491	IX 276
— A scheme of a diary of the weather, together with draughts and descriptions of machines subservient thereto <i>Pickering</i>	XLIII 1	XI 1226
— A letter concerning the weather in South-Carolina, with abstracts of the tables of his meteorological observations in Charles-Town <i>Lining</i>	XLV 336	X 456
— On the correspondence of the barometer with the air and weather <i>Holman</i>	XLVI 101	— 428
— Two letters concerning the heat of the weather in July and September, 1750 <i>Miles</i>	— 571	— 474
— Letter concerning the hot weather July, 1750 <i>A'cleron</i>	— 573	— —
— Observations of the weather in Madeira <i>Heberden</i>	XLVII 357	
— Letter concerning the quantity of rain which fell at Leyden in 1731 <i>Van Hazen</i>	— 360	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1772 <i>Barker</i>	XLVIII 221	
— A letter concerning the quantity of rain fallen at Charles-Town in South-Carolina from Jan. 1738 to Dec. 1752 <i>Lining</i>	— 284	
— State of the weather at Dublin from March 7, 1752 to Feb. 28, 1753 <i>Simon</i>	— 30	

— Letter

	Transf.	Abridg.
Letter concerning the late hard weather		
<i>Miles</i>	— 525	
A continuation of an account of the weather in Madeira		
<i>Heberden</i>	— 617	
Letters concerning the cause of the ascent of vapour and exhalation, and those of winds; and the general phenomena of the weather and barometer		
<i>Eeles</i>	XLIX 124	
An account of the quantity of rain fallen in Antigua for four years 1750 to 1754		
<i>Byan</i>	— 295	
Journal of the weather in Dublin for the year 1753, 1754, 1755		
<i>Simon</i>	— 759	
An account of the heat of the weather in Georgia		
<i>Ellis</i>	L 754	
A thermometrical account of the weather in Maryland for one year from Sept. 1753		
<i>Brook</i>	LI 58	
Ditto from three years from Sept. 1754		
<i>Brooke</i>	— 70	
An account of a meteor at Shefford in Berkshire, Oct. 20, 1759, with some observations of the weather of the preceding winter		
<i>Forster</i>	— 299	
State of the weather at Turin, 1759		
<i>Bruni</i>	— 839	
An account of the rain fallen in a foot square at Norwich from 1750 to 1762		
<i>Anderson</i>	LIII 9	
An account of the quantity of rain fallen in Cornwall in 1762		
<i>Borlase</i>	— 27	
An account of the late mild weather in Cornwall, winter of, 1762		
<i>Borlase</i>	— —	
An account of the quantity of rain fallen at Mount's Bay in Cornwall, and of the weather at that place in June and July 1763		
<i>Borlase</i>	LIV 59	
Physical observations, conjectures, and suppositions		
<i>Franklin</i>	LV 182	
Abstract of a journal of the weather in Quebec, between the first of April 1765 to the 30th of April 1766		
<i>Murdoch</i>	LVI 291	
Observations for 1767 made at Carlisle		
<i>Carr</i>	LVIII 8	
Bridgewater	— 87	
Ludgyan in Cornwall	— 9	
<i>Borlase</i>		

	Tianf.	Abridg.
— Observations on the barometer, thermometer, and rain at Plymouth 1767 - <i>Farr</i>	— 136	
— Observations in Poland on the winter of 1768 <i>Wolfe</i>	— 151	
— Observations made at Stockholm in the winter of 1767-8 - - - <i>Wargentin</i>	LVIII 152	
— Abstract from a meteorological register kept at Plymouth during the year 1768 - <i>Farr</i>	LIX 81	
— Meteorological Observations for 1768, made at Bridgewater in Somersetshire, and at Ludgvan in Mount's Bay, Cornwall <i>Mille</i>	— 155	
— Of the different quantities of rain which appear to fall, at different heights, over the same spot of ground - - - <i>Heberden</i>	— 359	
— Observations on the state of the air, winds, weather, &c. at Prince of Wales's Fort, on the north-west coast of Hudson's Bay in 1768 and 1769 - - - <i>Dymond and Wales</i>	LX 137	
— Meteorological observations for 1769 made at Bridgewater in Somersetshire - <i>Milles</i>	— 228	
At Ludgvan in Cornwall - - <i>Borlase</i>	— 230	
— Meteorological observations at Ludgvan in Mount's Bay, Cornwall, 1770 - <i>Borlase</i>	LXI 195	
— A letter concerning observations of the quantities of rain fallen at Lyndon, in Rutlandshire, for several years - - - <i>Barker</i>	— 221	
A second letter on the same subject, and determining the latitude of Stamford in Lincolnshire - - - <i>Barker</i>	— 227	
— Meteorological observation at Caen in Normandy, for 1765, 66, 67, 68, and 1769 <i>Pigot</i>	— 274	
— A letter giving an account of some experiment made in North Wales, to ascertain the different quantities of rain, which fell at the same time at different heights - <i>Barrington</i>	— 294	
— Extract of a meteorological register at Lyndon in Rutlandshire - - - <i>Barker</i>	LXII 42	
— Meteorological observations at Ludgvan in Mount's Bay, Cornwall - <i>Borlase</i>	— 365	
— Extract of a register of the barometer, thermometer, and rain at Lyndon in Rutland, 1773 <i>Barker</i>	LXIV 202	
— A meteorological journal for the year 1774, kept at the Royal Society's house by order of the President and Council - - -	LXV 139	

	Transl.	Abridg.
An abridged state of the weather at London in the year 1774, collected from the meteorological journal of the Royal Society		
— <i>Horley</i>	LXV 167	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1773		
— <i>Barker</i>	LXV 199	
— Meteorological observations made at Chislehurst in Kent in 1774	— 290	
— Meteorological journal kept at the house of the Royal Society by order of the President and Council for 1775 and 1776	LXVI 319	
An abridged state of the weather at London for one year, commencing with the month of March, 1775, collected from the meteorological journal of the Royal Society	— 354	
— <i>Horley</i>		
— Extract of a meteorological journal for the year 1775 kept at Bristol	— 367	
— <i>Farr</i>		
— Extract of a register of the barometer, thermometer, and rain at Lyndon, in Rutland, 1775		
— <i>Barker</i>	— 370	
— An account of the meteorological instruments used at the Royal Society's House		
— <i>Henry Cavendish</i>	— 375	
— Extract of a meteorological journal for the year 1776, kept at Bristol		
— <i>Farr</i>	LXVII 353	
— Extract of a register of barometer, thermometer, and rain, at Lyndon in Rutland, 1776		
— <i>Barker</i>	— 350	
— Meteorological journal kept at the house of the Royal Society by order of the President and Council in 1776	— 357	
— A meteorological diary kept at Fort St. George in the East Indies		
— <i>Roxburgh</i>	LXVIII 180	
— Abstract of a register of the barometer, thermometer, and rain, at Lyndon, in Rutland 1777		
— <i>Barker</i>	— 554	
— Journal of weather at Montreal	— 559	
— <i>Barri</i>		
— Extract of meteorological observations kept at Hawkhill near Edinburgh 1773 to 1776		
— <i>M^cGowan</i>	— 564	
— Extract of a meteorological journal kept at Bristol, 1777	— 567	
— <i>Farr</i>		
— Journal of the quantity of rain that fell at Holme, near Manchester from 1765 to 1769, and at Barrowby, near Leeds, from 1772 to 1777		
— <i>Lloyd</i>	— 571	

	Transf.	Abridg.
— Meteorological journal kept at the house of the Royal Society, by order of the President and Council 1777 - - -	LXVIII 573	
— Meteorological journal kept by order of the Royal Society 1778 - - -	LXIX 295	
— Register of the barometer, thermomerer, and rain, at Lyndon, in Rutland - <i>Parker</i>	— 547	
— Meteorological journal kept at Bristol, 1778 <i>Farr</i>	— 551	
— Two meteorological journals kept at Nain in 57 degrees north latitude, and Okak in 57 degrees 30 minutes north latitude, both on the coast of Labradore - - <i>Anon.</i>	— 657	
— A continuation of a meteorological diary, kept at St. George's Fort, on the coast of Coromandel, from March 1777 to May 1778 <i>Roxburgh</i>	LXX 246	
— A journal of the weather at Montreal from Dec. 1778 to April 1779 - - <i>Barr</i>	— 272	
— Meteorological journal kept at the House of the Royal Society from Jan. 1778 to Jan. 1779	— 279	
— Register of the barometer, thermometer, and rain, at Lyndon, in Rutland, 1779 <i>Barker</i>	— 47	
— Journal of the weather at Senegambia, during the prevalence of a very fatal putrid disorder, with remarks on that country - <i>Schotte</i>	— 478	
MEXICO. Narrative of a voyage from Spain to Mexico, and of the minerals of that kingdom <i>Anon.</i>	III 81	II 588
— Observations concerning the lake of Mexico <i>Journal des Scavans</i>	IX 758	— 320 III 564
— An account of the filtering stone of Mexico, compared with other stones, by which it is shewn that it is of little or no use in purifying the waters which have passed through it <i>Vaterus</i>	XXXIX 106	VIII 728
MICE. A relation of the small creatures called fablemice, which have lately come in troops into Lapland, about Thorne, and other places adjacent to the mountains, in innumerable multitudes - - <i>Rycaut</i>	XXI 110	II 871
MICROMETER. On the application of the micrometer to the microscope - - <i>Holman</i>	XLIII 239	X 29
— Letter concerning a paper of Servington Savery, relating to his invention of a new micrometer <i>Short</i>	XLVIII 165	
— A letter concerning Mr. Gafcoigne's invention		

	Transf.	Abridg.
of the micrometer - - - <i>Bevis</i>	XLVIII 190	
— Description of a method of measuring differences of right ascension and declination, with Dollond's micrometer, together with other new applications of the same - <i>Maskeelyne</i>	LXI 536	
— Directions for using the common micrometer, taken from a paper in the late Dr. Bradley's hand-writing - - <i>Bradley</i>	LXII 46	
— Account of a new micrometer - <i>Boscovich</i>	LXVII 789	
— Account of a new instrument for measuring small angles, called the prismatic micrometer <i>Maskeelyne</i>	— 799	
— A description of two new micrometers <i>Ramsden</i>	LXIX 419	
MICROSCOPE. A description of a microscope of a new fashion, by the means whereof there has been seen an animal lesser than any of those hitherto seen - - - <i>Anon.</i>		
— Letter about the making of microscopes with very small and single glasses, and of some other instruments - - <i>Butterfield</i>	III 842	I 207
— A letter giving a further account of his water-microscope - - - <i>Gray</i>	XII 1026	— 208
— Letter concerning making water subservient to the viewing both near and distant objects, with the description of a natural reflecting microscope - - <i>Gray</i>	XIX 353	— 209
— The description and manner of using a late invented set of small pocket microscopes made by James Wilson, which with great ease are applied in viewing opaque, transparent, and liquid objects, &c. - - <i>Wilson</i>	— 539	— 195
— A letter concerning the making of microscopes <i>Adams</i>	XXIII 1241	IV 199
— Some account of Mr. Leeuwenhoek's curious microscopes - - <i>Folkes</i>	XXVII 24	— 203
— Account of a catoptric microscope <i>Barker</i>	XXXII 446	VI 129
— An account of Mr. Leeuwenhoek's microscopes <i>Baker</i>	XXXIX 259	VIII 120
— On the application of the micrometer to the microscope - - <i>Holtzman</i>	XLI 503	— 121
— Observations on fallacies in vision through compound microscopes - <i>Gmelin</i>	XLIII 239	X 29
— An account of some new microscopes made at Naples, and their use in viewing the smallest objects - - - <i>Stiles</i>	XLIII 382	— 761
	LV 246	

	Transf.	Abridg.
— A report concerning the microscope glasses, sent as a present to the Royal Society by Father di Torre of Naples - - - <i>Baker</i>	LVI' 67	
MICROSCOPIC OBSERVATIONS. An account of micrographia, or the physiological descriptions of minute bodies, made by magnifying glasses <i>Oldenburg</i>	I 27	
— — Some observations made with a microscope contrived by M. Leeuwenhoek <i>Leeuwenhoek</i>	VIII 6037	III 683
— Figures of some of Mr. Leeuwenhoek's microscopical observations with their explication <i>Leeuwenhoek</i>	— 6116	— —
More microscopical observations <i>Leeuwenhoek</i>	IX 23	— —
— Microscopical observations concerning blood, milk, bones, the brain, spittle, cuticula, &c. <i>Leeuwenhoek</i>	— 121	— —
Observations about sweat, fat, tears <i>Leeuwenhoek</i>	— 128	— —
More observations from Mr. Leeuwenhoek, Sept. 7, 1674 - - - <i>Leeuwenhoek</i>	— 178	— —
— Microscopical observations concerning the optic nerve - - - <i>Leeuwenhoek</i>	X 378	— —
Microscopical observations about the texture of the blood, the sap of plants, the figure of sugar and salt, and the probable cause of the difference of their tastes - <i>Leeuwenhoek</i>	— 380	— —
— Concerning the texture of trees, and a remarkable discovery in wine, with notes thereon <i>Leeuwenhoek</i>	XI 653	II 873
— Observations concerning some little animals observed in rain, well, sea, and snow-water; as also in water wherein pepper had lain infused <i>Leeuwenhoek</i>	XII 821	I 368
With the manner of observing them <i>Leeuwenhoek</i>	— 844	III 683
— Observations of the carneous fibres of a muscle, and the cortical and medullar part of the brain; as also of moxa and cotton <i>Leeuwenhoek</i>	— 899	— 684
— Microscopical observations of the structure of teeth and other bones - <i>Leeuwenhoek</i>	— 1002	— —
— Observations of ivory - <i>Leeuwenhoek</i>	— 1003	— —
— Microscopical observations of the structure of the hair - - - <i>Leeuwenhoek</i>	— —	— —
— Animalculæ observed in femine humano <i>Leeuwenhoek</i>	— 1040	— —
Answered by - <i>Oldenburg</i>	— 1043	— —

	Transf.	Abridg.
Answered by - - - <i>Leeuwenhoek</i>	— 1044	
With extracts of several other letters <i>Leeuwenhoek</i>	— 1045	
— Observations about generation by an animalcule of the male seed; animals in the seed of a frog; some other observables in the parts of a frog - - - <i>Leeuwenhoek</i>	XIII 347	III 684
— Microscopical observations about animals in the scurf of the teeth, the substance called worms in the nose, the cuticula consisting of scales <i>Leeuwenhoek</i>	XIV 568	— —
— An abstract of a letter concerning the parts of the brain of several animals, the chalk-stones of the gout, the leprosy, and the scales of eels <i>Leeuwenhoek</i>	XV 883	— —
— An abstract of a letter concerning generation by an insect - - - <i>Leeuwenhoek</i>	— 1120	
— Letter concerning the circulation of the blood, as seen by the help of a microscope, in the lacerta aquatica - - - <i>Molyneux</i>	— 1236	— 225
— Microscopical examination of the testicles of a rat, and the seed of muscles, oysters, &c. <i>Leeuwenhoek</i>	XVII 593	— 685
— concerning animalcules found in teeth, of the scaliness of the skin, &c. <i>Leeuwenhoek</i>	— 646	— 684
— An extract of a letter containing several observations on the texture of the bones of animals compared with that of wood, on the bark of trees, on the little scales found on the cuticula, &c. - - - <i>Leeuwenhoek</i>	— 838	— 685
— An extract of a letter containing observations on the seeds of cotton, palm, or date-stones, cloves, nutmegs, gooseberries, currants, tulips, cassia, lime-tree; on the skin of the hand, and pores, of sweat, the crystalline humour, optic nerves, gall, and scales of fish; and the figures of several salt particles, &c. <i>Leeuwenhoek</i>	— 949	— —
— Some microscopical observations of vast numbers of animalcula seen in water - <i>Harris</i>	XIX 254	-- 652
— Microscopical observations on eels, mites, the seeds of figs, strawberries, &c. <i>Leeuwenhoek</i>	— 269	— 685
— Microscopical observations and experiments <i>Gray</i>	— 280	I 209 III 653
— Letter concerning the eyes of beetles <i>Leeuwenhoek</i>	XX 169	— 685

— Letter

	Transl.	Abridg.
— Letter concerning the circulation and stagnation of blood in tadpoles - <i>Leeuwenhoek</i>	XXII 447	III 685
— Letter concerning the worms in sheeps livers, gnats and animalculæ in the excrement of frogs, &c. - <i>Leeuwenhoek</i>	— 509	— 688
— Observations on the circulation and globules in the blood of butts - <i>Leeuwenhoek</i>	— 552	— 686
— Letter concerning worms pretended to be taken from the teeth - <i>Leeuwenhoek</i>	— 635	— 686
— Letter concerning excrescences growing on willow leaves - <i>Leeuwenhoek</i>	— 786	V 2 266
— Letter concerning the spawn of codfish, &c. - <i>Leeuwenhoek</i>	— 821	— - -
— Letter concerning several microscopical observations - <i>Leeuwenhoek</i>	— 903	— - 238
— Several microscopical observations and experiments concerning the animalculæ in semine masculino of cocks and spiders. <i>Leeuwenhoek</i>	XXIII 1137	— - 264
— Microscopical observations sent to Sir C. H. Anon. - <i>Leeuwenhoek</i>	— 1357	— - 229
— Letter concerning the seeds of oranges <i>Leeuwenhoek</i>	— 1461	— - 266
— A letter concerning the flesh of whales, crystalline humour of the eyes of whales, fish, and other creatures, and the use of the eye-lids <i>Leeuwenhoek</i>	XXIV 1723	— - 267
— A letter concerning animalculæ on the roots of duck-weed - <i>Leeuwenhoek</i>	— 1784	— - 267
— Several microscopical observations on the pumice-stone, coral, sponges, &c. <i>Leeuwenhoek</i>	— 2158	— - -
— Microscopical observations on the seeds of several East-India plants - <i>Leeuwenhoek</i>	XXV 2205	— - -
— Microscopical observations on the blood vessels, and membranes of the intestines <i>Leeuwenhoek</i>	XXVI 53	— - -
— Microscopical observations upon the tongue <i>Leeuwenhoek</i>	— 111	— - -
— Microscopical observations on red coral <i>Leeuwenhoek</i>	— 126	— - -
— Microscopical observations on the palates of oxen - <i>Leeuwenhoek</i>	— 294	— - -
— A letter containing some microscopical observations upon the chrystallized particles of silver dissolved in aqua-fortis - <i>Leeuwenhoek</i>	XXVII 20	— - -
— Part of a letter containing some microscopical observations upon the animalculæ in semine of young rams - <i>Leeuwenhoek</i>	— 316	— - -
— A letter containing the observations upon the seminal vessels, muscular fibres, and blood of whales - <i>Leeuwenhoek</i>	— 438	— - -

— Some

	Trans.	Abridg.
— Some remarks upon the disposition of the parts and microscopical observations upon the con- texture of the skin of elephants <i>Leeuwenhoek</i>	XXVII 518	
— Some microscopical observations upon muscles, and the manner of their production <i>Leeuwenhoek</i>	— 529	
— A letter containing some further microscopical observations on the animalculæ found upon duck-weed, &c. - - <i>Leeuwenhoek</i>	XXVIII 160	V 2 267
— Some microscopical observations and curious remarks on the vegetation and exceeding quick propagation of mouldiness on the substance of a melon - - <i>Bradley</i>	XXIX 490	IV 2 308
— Observations upon the vessels in several sorts of wood, and upon the muscular fibres of differ- ent animals - - <i>Leeuwenhoek</i>	XXXI 134	VI 2 336
— Observations upon a foetus, and the parts of generation of a sheep - <i>Leeuwenhoek</i>	XXXII 151	VII 445
— Some remarks concerning the circulation of the blood, as seen in the tail of a water eel, through a solar microscope - - <i>Miles</i>	XLI 725	IX 69 VII 816
— A letter with some microscopical observations concerning certain chalky tubulous concretions called malm, on the farina of the red lily, and on worms in smutty corn - <i>Needham</i>	XLII 634	— 817
— Microscopical observations, Dec. 26, 1755 <i>Wright</i>	XLIX 553	
— Microscopic observations on the human blood <i>Styles and Torre</i>	LV 252	
MIGUEL, SAINT. An account of the island of St. Mi- guel - - <i>Maffon</i>	LXVIII 601	
MILK. Anatomical observatios of milk found in the veins instead of blood - - <i>Boyle</i>	I 100	II 869
A further account of an observation about white blood - - <i>Boyle</i>	— 117	III 239
— Microscopical observations concerning blood, milk, bones, the brain, spittle, and cuticuli. <i>Leeuwenhoek</i>	IX 121	— 683
— An observation of a white liquor resembling milk, which appeared instead of serum sepa- rated from the blood after it had stood some time - - <i>Stuart</i>	XXXIX 289	IX 193
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows either from turnips, cabbages, or autumnal leaves, &c. also to sweeten stinking water <i>Hales</i>	XLIX 339	
MILLS. Part of a letter containing a description of a		water

	Transf.	Abridg.
water wheel for mills invented by Mr. Philip Williams - - - <i>Ardern</i>	XLIX 1	X 247
MILTHORPE FORGE. Extracts of some letters concerning iron ore, more particularly of the hæmatites wrought into iron at Milthorpe forge in Lancashire - - - <i>Stuetbi</i>	XVII 695	II 551 I 498
MINES AND MINERALS. Letter concerning the mines of Mercury in Friuli - - - <i>Pope</i>	I 21	II 577
— Of the mineral of Liege yielding both brimstone and vitriol, and the way of extracting them out of it, used at Liege - - - <i>Anon.</i>	I 45	II 530
— An account how adits and mines are wrought at Liege without air-shafts - - - <i>Moray</i>	— 79	— 372
— Articles of enquiries concerning mines <i>Boyle</i>	— 342	
— Observations made in mines and at sea, occasioning a conjecture about the origin of wind <i>Colepreffe</i>	II 481	— 105
— An answer to some enquires formerly published concerning mines - - - <i>Glanvill</i>	— 525	— 573
Additional answers to the queries on mines. <i>Glanvill</i>	III 767	— 574
— Narrative of the minerals of Mexico <i>Anon.</i>	— 817	III 588
— A particular account of divers minerals sent from the lately burning Mount Ætna <i>Anon.</i>	IV 1041	II 390
— Account of the copper mine in Hern Ground in Hungary - - - <i>Brown</i>	V 1042	— 562
— A relation concerning the quicksilver mines of Friuli; confirming as well the account given on that subject, vol. I. p. 21. as enlarging the same, with some additions - - - <i>Brown</i>	IV 1080	— 579
— Instances, hints, and applications relating to a main point solicited in the preface to this fourth volume; concerning the use may be made of vaults, deep well. - - - cold conservatories, to find out the cause or to promote the generation of salt, minerals, metals, crystal, gems, stones of divers kinds, and helps to conserve long, or to hasten putrefaction, fertility of any kind of ground, &c. - - - <i>Beale</i>	— 1135	
— A relation concerning the sal-gemma mines in Poland - - - - - <i>Anon.</i>	V 1099	II 524
— How terrestrial streams may be the generative cause both of minerals and metals, and of all the peculiarities of springs - - - <i>Beale</i>	V 1154	
— Directions and enquiries, with their answers, concerning the mines, &c. of Hungary,		

Transylvania, Austria, and other countries neighbouring to those <i>Oldenburgh and Brown.</i>	Transf. — 1189	Abridg. II 523 — 585
— An account of some mineral observations touching the mines of Cornwall and Devon; wherein is described the art of training a lead; the art and manner of digging the ore, and the way of dressing and blowing tin <i>Anon.</i>	VI 2096	— 565
— An account of two uncommon mineral substances found in some coal and iron mines in England <i>Jessop</i>	VIII 617,9	— 458
— Some observations and experiments about vitriol, tending to prove the nature of that substance, and to give further light in the enquiry after the principles and properties of other minerals <i>Anon.</i>	IX 41	— 451
— Two letters concerning rock plants, and their growth <i>Beaumont</i>	XII 724	II 503
— A description of the diamond mines <i>Earl Marshal of England.</i>	— 907	— 467
— A relation of the tin-mines, and working of tin in the county of Cornwall <i>Merret</i>	— 949	— 572
— A further account of some rock plants growing in the lead mines of Mendip Hills	XIII 276	— 503
— An account of a strange preservation of four men in a mine 24 days without any food <i>Anon.</i>	XIV 577	
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer of Zurich sent to Mr. Petiver <i>Anon.</i>	XXIV 2042	IV 2 286
— A curious description of the strata observed in the coal mines of Mendip in Somersetshire <i>Strachey</i>	XXX 968	— 260
— Some observations towards composing a natural history of mines and metals <i>Nicholls</i>	XXXV 402	VI 2 185
— A second letter to Dr. Rutty, containing further observations towards composing a natural history of mines and metals <i>Nicholls</i>	— 480	— 5187
— An account of the several strata of earths and fossils found in sinking the mineral well at Holt <i>Lewis</i>	XXXV 489	VI 2 225
— Some observations on the mines of Spain and Germany <i>Beaumont</i>	LVI 229	
— A short account of some specimens of native lead found in a mine in Monmouthshire <i>Morris</i>	LXIII 20	
— Barometrical observations on the depth of the mines in the Hartz <i>De Luc</i>	LXVII 401	
— A second paper concerning some barometrical		

	Transl.	Abridg.
measures in the mines of the Hartz <i>De Luc</i>	LXIX 485	
Experiments on some mineral substances <i>Woulfe</i>	LXIX 11	
(Damps in) A relation of persons killed with subterraneous damp - <i>Murray</i>	I 44	II 373
Letter concerning the damps in the mines of Hungary, and their effects - <i>Browne</i>	IV 965	— —
Some observations about damps <i>Lifter</i>	X 391	— 375
A letter containing a farther account of damps in mines - <i>Jeffop</i>	— 450	— 376
Observations on a subterranean fire in a coal mine near Newcastle - <i>Hodgson</i>	XI 762	— 383
A relation of some strange phenomena ac- companied with mischievous effects in a coal- work in Flintshire - <i>Moystyn</i>	XII 895	— 378
An account of the burning of several hay-ricks by a fiery exhalation or damp; and of the in- fectious quality of the grass of several grounds <i>Floyd</i>	XVIII 49	— 181
Farther account of the fiery exhalation in Me- rionethshire - <i>Lbwya</i>	— 223	— 180
An attempt made to shew how damps or foul air may be drawn out of any sorts of mines, &c. by an engine - <i>Desaguliers</i>	XXXV 353	VI 2 193
A brief account of the effects and properties of damps from observations of the effects on opening an old well at Boston in New Eng- land, July 19, 1729 - <i>Greenwood</i>	XXXVI 184	— 195
An account of the damp air in a coal-pit of Sir James Lowther, sunk within 20 yards of the sea - <i>Lowther</i>	XXXVIII 109	VIII 656
An experiment to shew that some damps in mines may be occasioned only by the burning of candles under ground, without the addi- tion of any noxious vapour, even when the bottom of the pit has a communication with the outward air, unless the outward air be forceably driven in, out of the said communi- cation or pipe - <i>Desaguliers</i>	XXXIX 281	
An observation of an extraordinary damp in a well in the Isle of Wight - <i>Cooke</i>	XL 379	— 658
MINERAL WATERS. See <i>Water</i>		
MINIMA. Of the tangents of curves deduced imme- diately from the theory of maxima and mi- nima - <i>Ditton</i>	XXIII 1333	IV 7
MINIUM. A description of a Swedish stone, which		

affords.

	Transf.	Abridg.
affords sulphur, vitriol, allum, and minium		
<i>Tab.</i>	I 375	III 564
MINORCA. Extract of a letter from Minorca, being an addition to Dr. Cleghorn's account of Minorca, 1775 - - - - -		
<i>Small</i>	LXVI 439	
MIRROR. Part of a letter giving an account of a new mirror, which burns at sixty-six feet distance, invented by M. de Buffon	XLIV 493	X 195
Concerning the same mirror burning at 150 feet distance - - - - -	— 495	— 194
<i>Needham</i>		
<i>Nicolini</i>		
See <i>Burning-glass</i>		
MISLETO. A letter concerning the propagation of misleto - - - - -	XXXIV 215	VI 2 348
— Observations of a difference of sex in misleto - - - - -	XXXV 547	— 251
<i>Barrel</i>		
<i>Barrel</i>		
MISTS. A letter inclosing some observations on atmospheric electricity; in regard to fogs, mists, &c. with some remarks - - - - -	LXII 137	
— Account of an extraordinary appearance in a mist - - - - -	LXX 157	
<i>Ronayne</i>		
<i>Cockin</i>		
MITES. Experiment on the necessity of air to the motion of mites - - - - -	V 2054	
— Microscopical observations on mites, - - - - -	XIX 269	III 685
<i>Leeuwenhoek</i>		
— Additional observations upon the production of mites - - - - -	XXVII 398	V 2 267
<i>Leeuwenhoek</i>		
MITHRAS. Account of a bas-relief of Mithras found at York, explained by - - - - -	XLVI 214	XI 1311
<i>Stukeley</i>		
MIXTURE. Two letters, giving an account of a red colour produced by mixture of a sulphureous spirit with a volatile Alkali - - - - -	XIX 542	I 214
— The strange effects of some effervescent mixtures - - - - -	L 19	
<i>Gibbons</i>		
<i>Mounsey</i>		
MOCHA. A letter accompanying a new chart of the Red Sea, with two draughts of the Roads of Mocha and Judda, and several observations made during a voyage on that sea	LXI. 77	
<i>Newland</i>		
— Remarks and observations made on board the ship Kelfall, on a voyage to Judda and Mocha in 1769 - - - - -	— 79	
<i>Newland</i>		
MODES. An explanation of the Modes or tones in the ancient Grecian music - - - - -	LI 695	
<i>Styles</i>		
MOFFATT. An account of a new medicinal well lately discovered near Moffatt, in Annandale, in the county of Dumfries - - - - -	L 117	
<i>Walker</i>		
MOISTURE. Observations on the annual evaporation at Liverpool, in Lancashire, and evaporation		

	Transl.	Abridg.
considered as a test of the moisture or dryness of the atmosphere - - - <i>Dobson</i>	LXVII 244	
MOLE. Several letters concerning a particular nævus maternus, or mole - - - <i>Steigurtahl</i>	XXXIII 347	VII 485
— Account of a mole from North America <i>Barrington</i>	LXI 292	
MOLOSSES. An account of a new sort of molosses made of apples - - - <i>Dudley</i>	XXXII 231	VI 2 379
MOLUCCO ISLANDS. A farther relation of the horrible burning of some mountains of the Molucco islands - - - <i>Witsen</i>	XIX 529	II 394
See <i>Volcanoes</i>		
MOMBAZZA PIETRA DI. A letter concerning the pietra di mombazza, or the rhinoceros stone <i>Sloane</i>	XLVI 118	XI 910
MONAGRAM. Explication of a most remarkable monogram, on the reverse of a very ancient quinarius, never before published or explained <i>Swinton</i>	LXIV 318	
MONEY. An enquiry into the value of Greek and Roman Money - - - <i>Raper</i>	LXI 462	
MONKEY. Account of a monstrous fœtus, resembling a hooded monkey - - - <i>Gregory</i>	XLI 764	IX 315
— An account of a very small Monkey <i>Parsons</i>	XLVII 146	
— Abstract of a letter containing a short description of a singular species of monkeys without tails, found in the interior part of Bengall <i>De Visfne</i>	LIX 71	
MONKS-HOOD. The case of a man who was poisoned by eating monks-hood, or napellus <i>Bacon</i>	XXXVIII 287	VIII 842
MONOCHORD. A question in musick lately proposed to Dr. Wallis concerning the division of the monochord or section of the musical canon, with his answer to it - - - <i>Wallis</i>	XX 80	I 610
MONSOONS. An historical account of the trade-winds, and monsoons, observable in the seas between and near the tropicks, with an attempt to assign the physical cause of the said winds <i>Halley</i>	XVI 153	II 153
See <i>Winds</i>		
MONSTERS. Observations upon a monstrous head of a colt - - - <i>Boyle</i>	I 85	
— An account of two monstrous births at Paris <i>Anon.</i>	II 479	
— An account of two monstrous births in Devonshire - - - <i>Colepreij</i>	— 480	— 900
— Account of two odd monsters - - - <i>Grand.</i>	V 1188	III 301
		Anato-

	Transf.	Abridg.
— Anatomical observations on a monstrous birth at Plymouth - - - <i>Durston</i>	V 2096	III 301
— A relation of a monstrous birth - - - <i>Morris</i>	XII 961	— 302
— The anatomy of a monstrous pig - - - <i>Anon.</i>	XIII 188	II 904
— The description of a monstrous child born in South Jutland - - - <i>Krabe</i>	XIV 599	III 304
— A discourse on the dissection of a monstrous double cat - - - <i>Mullen</i>	XV 1135	II 901
— An account of a child born with a large wound in its breast, supposed to proceed from the force of imagination - - - <i>Cyprianus</i>	XIX 291	III 222
— A relation of two monstrous pigs, with the resemblance of human faces - - - <i>Floyer</i>	XXI 431	II 900
— Letter concerning a child who had its intestines, mesentery, &c. in the cavity of the thorax <i>Holt</i>	XXII 992	V 269
— Account of monsters, and monstrous productions <i>Camelli</i>	XXV 2266	— 183
— Part of a letter concerning a monstrous birth <i>Taylor</i>	— 2345	— 309
— A letter giving an account of some monstrous births in Ireland, 1708 - - - <i>Derham</i>	XXVI 308	— 309
— An account of a monstrous birth in Lorrain <i>Mac Laurin</i>	XXXII 346	VII 688
— Case of a child born with the bowels hanging out of its belly - - - <i>Amyand</i>	XXXVII 258	— 516
— Account of a monstrous boy - - - <i>Cantwell</i>	XLI 137	IX 314
— Some observations on generation, and on monsters, with a description of some particular monsters - - - <i>De Superville</i>	— 294	— 304
— Account of a monstrous child born of a woman under sentence of transportation <i>Sheldrake</i>	— 341	— 313
— An account of a monstrous fœtus resembling a hooded monkey - - - <i>Gregory</i>	— 764	— 315
— A case of the heart of a child turned upside down - - - <i>Torres</i>	— 776	— 315
— A remarkable conformation, or lusus naturæ in a child - - - <i>Warwick</i>	XLII 152	— 316
— Account of a monstrous lamb - - - <i>Doddridge</i>	XLV 502	XI 1281
— An account of a preternatural conjunction of two female children - - - <i>Parsons</i>	— 526	XI 1209
— An account of a monstrous fœtus without any mark of sex - - - <i>Baister</i>	XLVI 479	— 1208
— An account of a double child born at Hebus, near Middleton, in Lancashire - - - <i>Percival</i>	XLVII 360	
— Anatomico-medical observations of a monstrous double-bodied child, born Oct. 16, 1701, in		

	Transf.	Abridg.
Pannonia, and who died Feb. 23, 1723		
Another account - - - <i>Torkes</i>	L 311	
Another account - - - <i>Burnet</i>	— 315	
Another account - - - <i>Du Pleffis</i>	— 317	
Another account - - - <i>Drieſchius</i>	— 318	
— An account of a monſtrous human foetus, having neither head, heart, lungs, ſtomach, ſpleen, pancreas, liver, nor kidnies. - <i>Le Cat.</i>	LVII 1	
— An account of an extraordinary acephalous birth - - - <i>Cooper</i>	LXV 311	
— See <i>Calf, Child, Fetus</i>		
MONUMENT. An account of ſome experiments about the height of the Mercury in the barometer at the top and bottom of the Monument, and alſo about portable barometers <i>Derham</i>	XX 2	II 14
— An account of a remarkable monument found near Aſhford, in Derbyſhire - <i>Evatt</i>	LII 544	
MOON. Speculations of the changes likely to be diſcovered in the earth and moon by their reſpective inhabitants - <i>Auzout</i>	I 120	I 198
— Of the correſpondency, to be procured, for the finding out the true diſtance of the ſun and moon from the earth, by the parallax obſerved under (or near) the ſame meridian <i>Oldenburg</i>	I 151	I 300
— A method for finding the number of the Julian period for any year aſſigned, the number of the cycle of the ſun, the cycle of the moon, and of the indiſtions, for the ſame year, being given, together with a demonſtration of that method - - - <i>Collins</i>	II 568	III 399
— Its appulſes to Saturn, and the fixed ſtars obſervable in the year 1671 foretold and reduced to the meridian and latitude of London <i>Flamſtead</i>	V 2029	I 453
— Letter concerning the appulſes of the moon for 1673, and the other planets to the fixed ſtars, together with an obſervation of the planet Mars - - - <i>Flamſtead</i>	VII 5118	I 424
— The appulſes of the moon and other planets to the fixed ſtars predicted for 1674 <i>Flamſtead</i>	VIII 6155	III 149
— Letter on Mr. Horrox's inſtrument to ſhew the moon's true place to a minute or two <i>Flamſtead</i>	IX 219	I 453
— A letter concerning Mr. Horrox's lunar ſyſtem, <i>Flamſtead</i>	X 368	— —
— Letter		

	Transf.	Abridg.
— Letter proposing a new place for the first meridian, and pretending to evince the equality of all natural days, as also to shew a way of knowing the true place of the moon <i>Anon.</i>	X 425	I 556
Answered - - - <i>Flamsteed</i>	— 429	— —
— Observations of the spot Plato in the moon the 16th of August, 1725, with a telescope of his own 150 palms long - - <i>Campani</i>	XXIV 181	VI 220
— A letter giving an account of a lunar rainbow observed in Derbyshire, 1710-11 <i>Thoresby</i>	XXVII 320	IV 2 131
— An advertisement to astronomers of the advantages that may accrue from the observations of the moon's frequent appulses to the hyades, during the three next ensuing years <i>Halley</i>	XXX 692	IV 298
— An attempt to explain the phenomenon of the horizontal moon appearing bigger than when elevated many degrees above the horizon, supported by an experiment <i>Desaguliers</i>	XXXIX 390	VIII 130
An explication of the above - <i>Desaguliers</i>	— 392	— 131
— Some thoughts concerning the sun and moon, when near the horizon, appearing larger than when in the zenith - <i>Legan</i>	— 404	— 377
— An astronomical dissertation on the lunar atmosphere - - <i>De Fouchy</i>	XLI 261	— 172
— A true copy of a paper found in the handwriting of Sir Isaac Newton, among the papers of the late Dr. Halley, containing a description of an instrument for observing the moon's distance from the fixed stars at sea - - - <i>Newton</i>	XLII 155	VIII 129
— A new method of calculating eclipses, particularly of the earth, and of any appulses of the moon to planets and fixed stars - <i>Gersten</i>	XLIII 22	X 55
— A letter concerning the moon's motion <i>Dunthorne</i>	XLIV 412	— 78
— An observation of an extraordinary lunar circle, and of two paraselenes made at Paris, Oct. 20, 1747 - - - <i>Greschow</i>	XLV 524	— 483
— A letter concerning the acceleration of the moon <i>Dunthorne</i>	XLVI 162	— 84
— A letter concerning the mean motion of the moon's apogee - - <i>Muriacete</i>	XLVII 62	
— An account of a remarkable appearance in the moon, April 22, 1751 - - <i>Short</i>	XLVIII 164	
— An account of a prize of 100 ducats, offered by		

	Transf.	Abridg.
the Academy of Sciences at Petersburg, for the best answer to the question, "Whether the theory of Sir Isaac Newton is sufficient to explain all the irregularities which are found in the motion of the moon?" <i>Euler</i>	XLVII 263	
— A resolution of a general Proposition for determining the boary alteration of the position of the terrestrial equator, from the attraction of the sun and moon: with some remarks on the solutions given by other authors to that difficult and important problem - <i>Simpson</i>	L 416	
— A letter concerning observations to be made on the parallax of the moon at St. Helena, and recommending the same to be made at Paris and Greenwich <i>Le Caille and Maskelyne</i>	LII 21 & 26	
— Certain reasons for a lunar atmosphere <i>Dunn</i>	— 578	
— An account of an appulse of the moon to the planet Jupiter observed at Chelsea <i>Dunn</i>	LIII 31	
— Of the moon's distance and parallax <i>Murdock</i>	LIV 29	
— Concise rules for computing the effects of refraction and parallax in varying the apparent distance of the moon from the sun or a star; also an easy rule of approximation for computing the distance of the moon from a star, the longitudes and latitudes of both being given with demonstrations of the same <i>Maskelyne</i>	— 263	
— Short and easy methods for finding the quantity of time contained in any given number of mean lunations, and the number of mean lunations in any given quantity of time <i>Ferguson</i>	LV 61	
— An essay on the connection between the parallaxes of the sun and moon; their densities; and their disturbing forces on the ocean <i>Murdock</i>	LVIII 24	
— Kepler's method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude, as also to the assigning the moon's correspondent apparent diameter, together with a concise application of this form of calculation to those eclipses - <i>Pemberton</i>	LXI 437	
— Astronomical observations relating to the mountains of the moon - <i>Herschel</i>	LXX 507	
MOON. (Occultations, transits, and conjunctions) Conjunction of the moon and Venus on the		

	Transf.	Abridg.
11th of October, 1670 - <i>Hevelius</i>	V 2023	I 304
— Observations of a transit of Jupiter near the moon, Sept. 20, 1671 - <i>Hevelius</i>	VI 3031	— 347
— An observation of Mars covered by the moon, Aug. 21, 1676, at Dantzic - <i>Hevelius</i>	XI 721	
At Greenwich - - - <i>Flamsteed</i>	— 723	
At Oxford - - - - <i>Halley</i>	— 724	— 350
— An account of an occultation of Venus by the moon, Sept. 19, 1729, at Berlin <i>Kirchius</i>	XXXVI 256	VI 352
— An observation of the moon's transit by Aldebaran, April 3, 1736, London - <i>Bevis</i>	XL 90	VIII 133
— Observations of the occultation of Mars by the moon, October 7, 1716, Fleet-street <i>Grabam</i>	— 100	— 186
Covent-garden - - - - <i>Bevis</i>	— 101	
— An occultation of Aldebaran by the moon, Dec. 12, 1738 - - - <i>Grabam</i>	XLI 632	— 135
— An occultation of Jupiter and his satellites by the moon, Oct. 28, 1748 - <i>Grabam</i>	— 647	— 184
— An account of an occultation of Jupiter by the moon, June 6, 1744 - <i>Bevis</i>	XLIII 65	
— An observation on an occultation of Cor Leonis by the moon, on Thursday March 12, 1747, in Surry-street, in the Strand, London, with a reflecting telescope made by Mr. Short, which magnified about 100 times <i>Bevis</i>	XLIV 455	X 10
— An occultation of the planet Venus by the moon in the day-time observed at London, April 16, 1751 - - <i>Bevis</i>	XLVII 159	
— The same observed at Greenwich <i>Bradley</i>	— 201	
— Account of occultations of Antares, Mars, and Mercury by the moon, that will happen in the year 1763, proper to determine the exact difference of longitude betwixt London, Paris, and Greenwich - - <i>La Lande</i>	LII 607	
— Occultation of fixed stars by the moon, observed at Greenwich, 1769 - <i>Maskeyne</i>	LIX 399	
— Observation of the moon's passage over the Pleiades in 1767. - <i>M. Messier</i>	LIX 454	
— An account of an occultation of the star ζ Tauri by the moon, observed at Leicester <i>Ludlam</i>	LX 355	
— Occultation of the stars α and γ Tauri, and other stars, by the moon <i>Wargentin and Lexel</i>	LXV 280	
— Occultation of α and γ Tauri observed at Leicester - - <i>Ludlam</i>	— 370	

	Transf.	Abridg.
Moon. (Eclipse of the) Observation of an eclipse of, Sept. 29. 1670 - - - <i>Hevelius</i>	V 2023	I 304
— Observations on the eclipse of the moon, Sept. 8, 1671 London - - - <i>Street</i>	VI 2272	— 306
Edon, in Northamptonshire, - - <i>Palmer</i>	— —	— 307
Paris - - - <i>Bullialdus</i>		VI 2272
— Observations upon the eclipse of the moon, Sept. 8, 1671 - - - <i>Hook</i>	VI 2296	I 227
— Observations on a lunar eclipse, Sept. 18, 1671 <i>Hevelius</i>	— 3028	— 307
— Observations on the eclipse of the moon, Sept. 8, 1671 - - - <i>Fogelius</i>	— 3033	— 308
— An account of what hath been observed con- cerning the late eclipse of the moon, Jan. 1. 1674-5, London - - - <i>Hook</i>	IX 237	— —
Derby - - - <i>Flamsteed</i>	— —	— —
Paris - - - <i>Bullialdus</i>	— 238	— —
— A more particular account of the last eclipse of the moon, Jan. 11, 1675, as it was ob- served at Paris - <i>Cassini, Picard, and Roers</i>	X 257	— —
— Observation on an eclipse of the moon, Jan. 11, 1675, with the occultation of certain fixed stars at Dantzic - <i>Hevelius</i>	— 289	— 310
— Account of the total eclipse of the moon, June 26, 1675, observed at London - <i>Flamsteed</i>	— 371	— 314
At Paris - - - <i>Bullialdus</i>	— 372	— 315
— Observations on the same made at Paris, proper to compare with those made in London -	— 388	— —
A letter relating to the foregoing observations <i>Cassini</i>	— 390	— 560
— A letter containing observations of the late lunar eclipse, Dec. 21, 1675 <i>Flamsteed</i>	— 495	— 316
— Considerations on Mr. Flamsteed's account of the same, and observations on the same <i>Cassini</i>	XI 561	— 317
Answer - - - <i>Flamsteed</i>	— 565	— 562
— Observation of the lunar eclipse of Oct. 29, 1678, at Paris - - - <i>Cassini</i>	XII 1015	— 320
— An observation of the lunar eclipse Aug. 19, 1681, made at St. Lawrence or Madagafcar <i>Harbo</i>	XIII 15	— 568
— Observations on the eclipse of the moon, Feb. 11, 1682, - - - <i>Flamsteed</i>	— 89	— 326
— Observations on the same 11, 1682, at Paris <i>Anon.</i>	— 145	— 330
At Dantzic - - - <i>Hevelius</i>	— 146	— 331
— An account of a small lunar eclipse of June 16,		

	Transf.	Abride.
1684, observed at Greenwich - <i>Flamsteed</i>	XIV 689	I 334
— Eclipses totalis lunæ cum morâ, Dec. 10, 1685, observata Gedani - <i>Hevelius</i>	XV 1256	— 335
— Two observations on the eclipse of the moon, Nov. 30, 1685, at Nuremberg <i>Eimmart and Wurtzelbaur</i>	XVI 146	— 338
— Observations on the eclipse of the moon, Nov. 30, 1685, at Paris - <i>Jacobs</i>	— 199	— 338
— Observations on an eclipse of the moon, Nov. 19, 1686, Dublin - <i>Molyneux</i>	— 236	
— An account of an eclipse of the moon, observed at Moscua in Russia, April 5, 1688, compared with the same, observed at Leipsick, whereby the longitude of the former is ascertained: together with the latitude of several principal places in the empire of Russia <i>Tinnermann</i>	XVII 453	— 139
— Eclipse of the moon, observed Oct. 19, 1697, at Chester - <i>Halley</i>	XIX 784	— 340 — 301
— At Rotterdam - - - <i>Cassini</i>	XX 15	— 340
— Eclipse of the moon, April 17, 1707, observed at Zurich - <i>Jacobs and Scheuchzer</i>	XXV 2394	IV 272
— The same observed at Boston, in New-England <i>Brattle</i>	— 2471	— 271
— A letter giving an account of the eclipse of the moon, Sept. 18, 1708, at Upminster <i>Derham</i>	XXVI 308	— 275
— An account of the moon's eclipse, Feb. 2, 1709-10, observed at Streatham, near London, and compared with the calculation <i>Cressener</i>	XXVII 16	— 275
— Observation of the eclipse of the moon on Jan. 12, 1711-2 - <i>Derham</i>	— 522	— 277
— An observation of the end of the total lunar eclipse on the 5th of March, 1718, observed near the Cape of Good Hope, serving to determine the longitude thereof. With remarks thereon - <i>Halley</i>	XXX 992	— 451
— Observations on the eclipse of the moon, June 18, 1722, and the longitude of Port Royal in Jamaica, determined thereby <i>Halley</i>	XXXII 235	VI 190
— Observations made in Italy of an eclipse of the moon, Sept. 8, 1718 <i>Poleni and Margagni</i>	XXXIII 71	— 185
Bologna - <i>Rondelli, Nadia, & Parisi,</i>	— 72	— 186
- - <i>Eustacbius & Monfredi</i>	— 75	— 187
- - <i>Ghislieri</i>	— 77	— 189
— An observation of the eclipse of the moon,		Nov.

	Transf.	Abridg.
Nov. 1, 1724, at Lisbon <i>Carbone and Capasso</i>	XXXIII 189	VI 191
A comparison of the observations made at Lisbon and Paris - - <i>Carbone</i>	— 187	VII 680
— Observations of the eclipse of the moon, Octo- ber 10, 1725, made at Bristol <i>Burroughs</i>	XXXIV 37	VI 196
Eclipse of the moon at Padua, October 2, 1726 - - - <i>Polenus</i>	— 158	
— Observations on the eclipse of the Moon, Oct. 21, 1725, at Albano - - <i>Bianchini</i>	— 179	— 194
— Observations upon an eclipse of the moon, Oct. 21, 1724, at Gomroon, in Persia <i>Saunderson</i>	— 213	— 267
— An account of an eclipse of the moon, Oct. 10, 1726, Lisbon - - - <i>Carbone</i>	XXXV 338	— 196
— An observation of the eclipse of the moon at Castle Dobbs, near Carricksfergus, in Ire- land, Feb. 2, 1728-9 - - <i>Dobbs</i>	XXXVI 140	— 201
— Observations of an eclipse of the moon, Feb. 2, 1729, at Rome and Paris - - <i>Carbone</i>	— 170	— 202
Padua - - - <i>Polenus</i>	— 173	— 203
— Observations on an eclipse of the moon, Oct. 31, 1724, at Rome - - <i>Blanchini</i>	— 174	— 205
— Observations of an eclipse of the moon, July 29, 1729, Wirtemberg - - <i>Weidler</i>	— —	— —
Padua - - - <i>Polenus</i>	— 176	— 206
— Two observations of the total eclipse of the moon, July 28, 1729, Bologna <i>Manfredi</i>	— 215	— 207
— Observations on an eclipse of the moon, Feb. 2, 1730, at Lisbon - - - <i>Carbone</i>	— 363	— 213
— Extract of a letter containing an account of an observation of an eclipse of the moon, July 29, 1729, made in Barbadoes - <i>Stevenson</i>	— 440	
— Observations of the eclipse of the moon, June 28, 1721, at Cambridge, in New England <i>Robie</i>	XXXVII 272	— 215
— An observation of the eclipse of the moon, Dec. 1, 1732, made at Rome <i>Bottarius and Manfredi</i>	XXXVIII 85	VIII 161
— An observation on the eclipse of the moon, Nov. 20, 1732, London - - <i>Graham</i>	— 88	
— Observations on the eclipse of the moon, Oct. 2, 1735, at Wirtemberg - - <i>Weidler</i>	XXXIX 359	— 164
— A collection of the observations made on the eclipse of the moon on March 15, 1735-6, which were communicated to the Royal Society		
— In Fleet-street - - - <i>Graham</i>	XL 14	— 164
— At Greenwich - - - <i>Halley</i>	— —	
Fleet-street, London <i>Celfius</i>	— 15	— 165

	Transf.	Abridg.
Covent-Garden - - - <i>Bevis</i>	XL 16	
Yeovil in Somersetshire - - <i>Milner</i>	— 18	
— A collection of the observations of the lunar eclipse, Sept. 8, 1736		
— In Fleet-street, - - - <i>Graham</i>	— 92	
Covent-garden - - - <i>Bevis</i>	— 93	
Wirtemberg - - - <i>Weidler</i>	— 94	
Hudson's Bay - - - <i>Middleton</i>	— 96	
— Observation of an eclipse of the moon, Jan. 2, 1740 - - - <i>Graham</i>	XLI 633	VIII 172
— Observation of the eclipse of the moon, Dec. 21, 1740 at the island of St. Catherine, on the coast of Brasil - - - <i>Legge</i>	XLII 18	— 170
— A letter concerning the same eclipse, New England - - - <i>Winthrop</i>	— 572	— 170
— Eclipse of the moon, Oct. 22, 1743, in the morning - - - <i>Graham</i>	— 580	— 172
— Eclipse of the moon, Dec. 12, 1749, observed at Earith, near St. Ives, Huntingdonshire <i>Elstob</i>	XLVI 280	X 91
— The same observed at Rome, - - - <i>Maire</i>	— 321	—
— Eclipse of the moon observed in London, June 8, 1750 - - - <i>Catlin and Short</i>	— 323	— 92
— The same observed at Wirtemberg, June 19, 1750 - - - <i>Bose</i>	— 570	—
— Eclipse of the moon observed at London, Dec. 2, 1750 - - - <i>Bevis and Short</i>	— 575	— 94
— An account of the eclipse of the moon, Nov. 21, 1751 - - - <i>Short</i>	XLVII 317	
— Luna defectus elbis observatus, 27 Martii, 1755 <i>Barboja</i>	XLIX 265	
— The same made at Lisbon - - - <i>Chevalier</i>	L 37+	
— Observations on the eclipse of the moon, Feb. 4, 1757, made at Lisbon - - - <i>Chevalier</i>	— 376	
— Observations on the eclipse of the moon, July 30, 1757, at Madrid, and Jan. 24, 1758 <i>Wendingen</i>	— 640	
— Observations on the eclipse of the moon, July 30, 1757, made at Lisbon <i>Chevalier</i>	— 769	
— An account of the eclipse of the moon, Nov. 22, 1760, London - - - <i>Short</i>	LI 936	
— Observations on an eclipse of the moon, May 18, 1761, in Sweden - - - <i>Wargentin</i>	LII 208	
— An account of the eclipse of the moon, May 8, 1762, in the morning observed in London <i>Short</i>	LII 542	
		— An

		Transf.	Abridg.
—	An account of the same at Leyden <i>Bevis</i>	— 543	
—	Observations of an eclipse of the moon, Nov. 28 1762, at Calcutta <i>Lulof.</i>	LII 650	
—	Observation of the eclipse of the moon, March 17, 1764, London <i>Hirfl</i>	LIII 262	
—	Observations on the same at Schwezinga <i>Bevis</i>	LIV 107	
—	Observation of the end of the same eclipse observed in Pennsylvania <i>Mayer</i>	— 165	
—	An account of the eclipse of the moon, November 12, 1769, made at Hawkhill, near Edinburgh <i>Mason and Dixon</i>	LVIII 329	
—	Observations on the eclipse of the Moon, Dec. 12, 1769, Greenwich <i>Lind</i>	LIX 363	
—	Observation of a partial eclipse of the moon, Jan. 3, and of a total one, Dec. 23, 1768 <i>Maskekyne</i>	— 399	
—	An account of an eclipse of the moon at Pekin, Oct. 23, 1771 <i>M. Messier</i>	— 454	
—	An account of an eclipse of the moon at Pekin, Nov. 12, 1761 <i>Cipolla</i>	LXIV 39	
—	An account of the lunar eclipse, Oct. 11, 1772, observed at Canton <i>Cipolla</i>	— 43	
MOON.	(Applied to finding the longitude) An instrument for seeing the sun, moon, or stars pass the meridian of any place; useful for setting watches in all parts of the world with the greatest exactness, to correct sun-dials, to assist in the discovery of the longitude of places <i>Blake</i>	— 46	
—	A letter containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship from time to time; together with the whole process of computation used on this occasion <i>Derham</i>	XXIV 1578	IV 464
—	Letter giving an account of observations at sea for finding out the longitude by the moon <i>Maskekyne</i>	LII 558	
—	Tract of his majesty's armed brig Leon from England to Davis's Streights and Labrador, with observations for determining the longitude by sun and moon, and error of common <i>Horsley</i>	LIV 329	

	Transl.	Abridg.
reckoning; also the variation of the compass and dip of the needle as observed during the said voyage in 1776 - <i>Pickersgill</i>	LXVIII 1057	
MOORS. An account of the Moorish way of dressing their meat (with some remarks) in West Barbary, from Cape Spartel to Cape de Geer		
<i>Jones</i>	XXI 248	III 626
MOOSE DEER. A discourse concerning the large horns frequently found under-ground in Ireland, concluding from them that the great American deer, called a Moofe, was formerly common in that island - <i>Molyneux</i>	XIX 489	II 432 III 544
— A description of the moose deer in America <i>Dudley</i>	XXXI 165	VII 447
— A letter containing the description of the moose deer of New England - <i>Dale</i>	XXXIX 384	IX 84
MORASS. A letter concerning the body of a woman found in a morass, in the Isle of Axholm, in Lincolnshire - <i>Stovin</i>	XLIV 571	VIII 187
MORBID. Some uncommon observation on the dissection of morbid bodies - <i>Vaughan</i>	XXIII 1244	V 261
— A remarkable case of a morbid eye <i>Spry</i>	LXIX 18	
MORBUS STRANGULATORIUS. An account of the morbus strangulatorius - <i>Starr</i>	XLVI 435	XI 959
MORTALITY. An estimate of the degrees of the mortality of mankind, drawn from various tables of the births and funerals at the city of Breslaw, with an attempt to ascertain the price of annuities upon lives <i>Halley</i>	XVII 596	
— A view of the relation between Dr. Halley's tables, and the notions of M. de Buffon, for establishing a rule for the probable duration of the life of man - <i>Kerseeboom</i>	XLVIII 239	
— A letter concerning the value of an annuity for life, and the probability of survivorship <i>Dodson</i>	— 487	
— Observations on the expectations of lives, the increase of mankind, the influence of great towns on population, and particularly the state of London with respect to healthfulness, and the number of inhabitants <i>Pain</i>	LXX 89	
MORTALITY (Bills of) The general bill of christenings and burials in London, 1685 -	XV 1245	II 665
— Bill of mortality of London, 1616, and 1687	XVI 445	—
— Some further considerations on the Breslaw bills of mortality, by the same as the former	XVII 655	— 677

	Transf.	Abridg.
— An extract of all persons that died in 1695, in Frankfort on the Maine, consummate matrimony, receive baptism, and where buried	XIX 559	III 667
— The number of persons who have been christened, married, and buried in the Old, Middle, and Lower Marck, 1698	XXII 471	
— An account of the persons married, christened, and deceased in all the dominions of the Elector of Brandenburg in 1698	— 508	
— Of several considerable towns in Europe, from Christmas 1716 to Christmas 1717, extracted from the Acta Breslaviensia — <i>Sprengell</i>	XXXII 454	VII 4 46
— The remainder of the bills of mortality, &c. of the several towns of Europe, extracted from the Breslaw Acts — <i>Sprengell</i>	XXXIII 24	
— An farther account of the bills of mortality, &c. of several considerable towns in Europe, for the years 1722 and 1723, extracted from the Acta Breslaviensia — <i>Sprengell</i>	XXXV 365	— 60
— Bills of mortality in several parts of Europe, for the years 1724 and 1725, extracted from the Acta Breslaviensia — <i>Scheuchzer</i>	XXXVI 110	— 64
— For the town of Dresden, from the year 1617, to 1717, containing the numbers of marriages, births, burials, and communicants — <i>Sprengell</i>	XXXVIII 89	IX 318
— For the imperial city of Augsburg, from the year 1501 to 1720 inclusive, containing the number of births, marriages, and burials — <i>Sprengell</i>	— 94	— 322
Remarks upon the aforefaid bills of mortality for the cities of Dresden and Augsburgh — <i>Maitland</i>	— 98	— 325
— An account of births and burials, with the number of inhabitants at Stoke Damerell, in the county of Devon — <i>Barrow</i>	XXXIX 171	—
— An abstract of the bills of mortality in Bridgetown, in Barbadoes, for the years 1737—1744 — <i>Clark</i>	XLV 345	XI 1219
— A letter concerning an improvement of the bill of mortality — <i>Dodson</i>	LXVII 333	
— An extract of the register of the parish of Holy-Cross, in Salop, from Michaelmas, 1750, to Michaelmas, 1760 — <i>Mors</i>	LII 140	
— An extract from the register of Holy-Cross, in Salop, from Michaelmas, 1760, to Michaelmas, 1770 — <i>Gorsuch</i>	LXI 57	— Ob-

	Transf.	Abridg.
— Observations on the bill of mortality in Chester for the year 1772 - <i>Haygarth</i>	LXIV 67	
— Bill of mortality of the town of Warrington, for 1773 - - - <i>Aikin</i>	— 438	
— Bill of mortality for Chester, for the year 1773 <i>Haygarth</i>	LXV 85	
— Observations on the difference between the duration of human life in towns and in country parishes and villages - - <i>Price</i>	— 424	
— An account of baptisms, marriages, and burials during forty years, in the parish of Blandford Forum, Dorset - <i>Pulteney</i>	LXVIII 615	
MORTAR. A proposition of general use in the art of gunnery, shewing the rule of laying a mortar to pass in order to strike any object above or below the horizon - - <i>Halley</i>	XIX 68	I 81
— The method of making the best mortar at Madras in East-India - - - <i>Pyke</i>	XXXVII 231	VI 465
— See <i>Gunnery</i> - - - -		
MORTIFICATION. Part of a letter concerning the coming off of the scapula and head of the os humeri, upon a mortification <i>Derante</i>	XXXII 15	VII 676
— An abstract of a book, entitled, A short account of mortifications, and of the surprizing effects of the bark, in putting a stop to their progress - - - <i>Douglas</i>	XXXVII 429	— 645
— A remarkable case of the efficacy of bark in a mortification - - - <i>Grindall</i>	L 379	
— Extract of a letter relating to the case of mortification of limbs in a family at Warrisham, in Suffolk - - - <i>Wollaston</i>	LII 523	
Another account - - - - <i>Bones</i>	— 526	
Second account - - - - <i>Bones</i>	— 529	
Further account - - - - <i>Wollaston</i>	— 584	
MOAIC WORK. Part of a letter concerning an ancient tessellated, or Moaic, work at Leicester <i>Carter</i>	XXVII 324	
MOSSES. An account of mosses in Scotland <i>Earl of Cromartie</i>	— 296	IV 2 253
— An answer to the above - - <i>Sloane</i>	— 302	— - 256
— An account of a moving moss in the neighbourhood of Church-Town in Lancashire <i>Richmond</i>	XLIII 282	X 596
— A letter concerning the manner of feeding mosses; and in particular of the hypnum terrestre trichoides lute-ovirens vulgare ma-		

	Transf.	Abridg.
jus, capitulis erectis; Raii Synopf. Ed. III. p. 84 - - - - - <i>Hill</i>	XLIV 60	X 758
— The substance of some experiments of planting of seeds in moss - - - - - <i>Bennei</i>	XLV 156	— 795
— Experiments and observations on a blue substance found in the peat-moss in Scotland <i>Douglas</i>	LVIII 181	
MOTION. A summary of the general laws of motion <i>Willis</i>	III 864	III 457
— Theory of motion - - - - - <i>Wren</i>	— 867	I 459
— A summary account of the laws of motion <i>Hugens</i>	IV 925	— 460
— Some propositions on the parabolic motion of projectiles, written in 1710 - <i>Taylor</i>	XXXI 151	VI 299
— (Astronomy) A letter concerning the moon's motion - - - - - <i>Dunthorne</i>	XLIV 412	X 78
— — A letter concerning the mean motion of the moon's apogee - - - - - <i>Murdocke</i>	XLVII 62	
— — An account of a prize of 100 ducats offered by the Academy of Sciences at Petersburg, for the best answer to the question, "Whether the theory of Sir Isaac Newton is sufficient to explain all the irregularities which are found in the motion of the moon?" - - - - - <i>Euler</i>	— 263	
— — Of the irregularities in the planetary motions caused by the mutual attraction of the planets - - - - - <i>Walmesley</i>	LII 275	
— — An essay on the connection between the parallaxes of the sun and moon; their densities; and their disturbing forces on the ocean - - - - - <i>Murdock</i>	LVIII 24	
— (Mechanics) Letter concerning a movement that measures time after a peculiar manner, with an account of the reason of the said motion - - - - - <i>Heveler</i>	XIV 647	I 468
— A discourse proving from experiments, that the larger the wheels of a coach, &c. are, the more easily they may be drawn over a stone, or such like obstacle that lies in the way <i>Anon.</i>	XV 856	I 503
— — Observations on a French paper concerning perpetual motion - - - - - <i>Papin</i>	XV 1240	— 504
— A discourse concerning gravity, and its properties, wherein the descent of heavy bodies, and the motion of projects, is briefly but fully handled; together with the solution of a problem of great use in gunnery - <i>Halley</i>	XVI 3	— 472
		Fur-

	Transf.	Abridg.
— Further remarks on the instrument proposed by an anonymous French author for effecting a perpetual mot on - - <i>Papin</i>	XVI 138	
— An answer to the author of the perpetual motion - - - <i>Papin</i>	— 267	
— Experiments about the motion of pendulums in vacuo - - - <i>De haan</i>	XXIV 1785	IV 2 168
— Remarks of some attempts made towards a perpetual motion - - - <i>Desaguliers</i>	XXXI 234	VI 323
— The greatest effect of engines, with uniformly accelerated motions considered - - <i>Bleke</i>	LI 1	
— An experimental enquiry concerning the natural powers of water and wind to turn mills and other machines depending on a circular motion - - - <i>Smeaton</i>	— 100	
— A letter containing a demonstration of a law of motion, in the case of a body deflected by two forces, tending constantly to two fixed points <i>Robertson</i>	LIX 74	
— A new theory of the rotatory motion of bodies affected by forces disturbing such motion <i>Landen</i>	LXVII 266	
— An investigation of the principles of progressive and rotatory motion - - - <i>Vince</i>	LXX 546	
— (Force of moving bodies) A letter concerning an experiment whereby it has been attempted to shew the falsity of the common opinion, in relation to the force of bodies in motion <i>Pemberton</i>	XXXII 57	— 276
— An account of some experiments made to prove that the force of moving bodies is proportionable to their velocities - - <i>Desaguliers</i>	— 269	— 281
— Animadversions upon some experiments relating to the force of moving bodies; with two new experiments on the same subject <i>Desaguliers</i>	— 285	— 285
— A remark upon the new opinion relating to the forces of moving bodies, in the case of the collision of non-elastic bodies - - <i>Eames</i>	XXXIV 183	— 287
— Remarks upon a supposed demonstration, that the moving forces of the same body are not as the velocities, but as the squares of the velocities - - - <i>Eames</i>	— 188	— 289
— A letter occasioned by the present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion - - - <i>Samuel Clarke</i>	XXXV 381	— 294
— An account of an experiment contrived by G.		

	Transf.	Abridg.
J. Gravefande, relating to the force of moving bodies, shewn to the Royal Society by <i>Desaguliers</i>	XXXVIII 143	VIII 235
— An enquiry into the measure of the force of bodies in motion; with a proposal of an experimentum crucis to decide the controversy about it - - - <i>Jurin</i>	XLIII 423	VIII 174
— An experimental examination of the quantity and proportion of mechanic power, necessary to be employed in giving different degrees of velocity to heavy bodies from a state of rest <i>Smeaton</i>	LXVI 450	
— Reflections on the communication of motion by impact and gravity - - - <i>Milner</i>	LXVII 344	
— (Motion of fluids) An account of the motion of running water - - - <i>Jurin</i>	XXX 748	IV 435
— A defence of the dissertation of the motion of running water, against the animadversions of P. A. Michelotti - - - <i>Jurin</i>	XXXII 179	VI 431
— Remarks upon some experiments in hydraulics, which seem to prove that the forces of equal moving bodies are as the squares of their velocities - - - <i>Eames</i>	XXXV 343	— 292
— Of the measure and motion of running water <i>Jurin</i>	XLI 5	VIII 282
With the conclusion - - - <i>Jurin</i>	— 65	
— (Motion of the earth) An account of a controversy between Stephano de Angelis of Padua, and J. B. Riccioli, concerning the motion of the earth - - - <i>Gregory</i>	III 693	
— Extract of a letter touching his thoughts of Mr. Hooke's observations for proving the motion of the earth - - - <i>Hugens</i>	IX 90	
— Extract of another letter relating to the same subject - - - <i>Cassini</i>		
— (Electricity) An account of the repetition of an experiment touching motion, given bodies included in a glass, by the approach of a finger near its outside; with other experiments on the effluvia of glass - - - <i>Hauksbee</i>	XXVI 82	VI 281
— (Heat) An experiment to examine what figure and celerity of motion begetteth or increaseth light and flame - - - <i>Beale</i>	I 226	X 551
— Two letters concerning the rotatory motion of glass tubes about their axes when placed in a certain manner before the fire <i>Wheeler</i>	XLIII 341	III 639
		MOTION.

	Transf.	Abridg
MOTION. (Anatomy) An abstract of an account of five pair of muscles, which serve for different motions of the head - <i>Dupre</i>	XXI 13	—
With remarks by - <i>W Cowper</i>	—	—
— An observation upon the motion of the hearts of two urchins, after being cut out		
— <i>Templer</i>	VIII 6016	III 69
(Natural history of vegetables) Queries concerning vegetation, especially the motion of the juices of vegetables <i>Anon.</i>	III 797	II 752
— Experiments concerning the motion of the sap in trees - <i>Willoughby and Wray</i>	IV 963	— 682
— Extracts of divers letters touching some enquiries and experiments, touching the motion of sap in trees, and relating to the question of the circulation of the same - <i>Lifter</i>	VI 2119	— 686
A letter relating to some particulars in Mr. Lifter's communications - <i>Willoughby</i>	— 2125	— 685
— Extract of a letter both in relation to the further discovery of the motion of juices in vegetables, and removing the difference noted in Mr. Willoughby's letter - <i>Anon.</i>	— 2126	— 686
— Some considerations on the descent of sap <i>Reed</i>	— 2128	— 687 — 690
Some considerations on Mr. Reed's letter, shewing in what sense the sap may be said to descend and to circulate in plant, and the graft to communicate with the stock <i>Beal</i>	— 2144	—
— Observations and experiments relating to the motion of sap in vegetables <i>Bradley</i>	XXIX 486	IV 2 302
MOULDINESS. Some microscopical observations and curious remarks on the vegetation and exceeding quick propagation of mouldiness on the substance of a melon - <i>Bradley</i>	XXIX 490	IV 2 308
— Letter concerning the green mould on firewood - <i>Miles</i>	XLVI 334	X 748
MOUNTAINS. Letter concerning the icy and crystalline mountain of Helvetia, called the Gletscher - <i>Muralius</i>	IV 982	II 465
— Experiment concerning respiration upon very high mountains - <i>Boyle</i>	V 2038	
— A farther description and representation of the icy mountain called the Gletscher in the canton of Bern, in Helvetia - <i>Fussel</i>	VIII 6191	—
— A discourse of the rule of the decrease of the height of the Mercury in the barometer, ac-		

	Transl.	Abridg.
cording as places are elevated above the surface of the earth, with an attempt to discover the true reason of the rising and falling of the Mercury upon change of weather <i>Halley</i>	XVI 104	II 14
— A relation of the small creatures called fable mice, which have lately come in troops into Lapland, about Thorne, and other places adjacent to the mountains, in innumerable multitudes - - <i>Rycaut</i>	XXI 110	— 871
— A relation of the bad condition of the mountains about the Tungaroufe and Batavian rivers, having their source from thence, occasioned by the earthquake between the 4th and 5th of January, 1699, drawn up from the account given by Tommagon Porbo Nata who had been there - -	XXII 595	— 419
— The barometrical method of measuring the height of mountains, with two new tables, shewing the height of the atmosphere at given altitudes of Mercury - - <i>Scheuchzer</i>	XXXV 537	VI 2 30
— Remarks on the height of mountains in general, and of those of Swisserland in particular, with an account of the rise of some of the most considerable rivers of Europe - <i>Scheuchzer</i>	— 577	— 35
— An account of a mountain of iron-ore at Ta-berg in Sweden - - <i>Alcanius</i>	XLIX 30	
— A short description of some high mountains on which are a great quantity of fossil wood <i>Hollman</i>	LI 506	
— Observations made in Savoy in order to ascertain the height of mountains by means of the barometer; being an examination of Mr. de Luc's rules delivered in his "Recherches sur les Modifications de l'Atmosphere" <i>Schuckburg</i>	LXVII 513	
— Astronomical observations relating to the mountains of the moon - - <i>Herschel</i>	LXX 507	
MOUTH. Letter concerning scales within the mouth <i>Leewuwenboek</i>	XIV 586	III 684
MOXA. Observations on moxa and cotton <i>Leewuwenboek</i>	XII 899	— —
MULBERRY-TREES. A letter concerning an unusual way of propagating mulberry-trees in Virginia, for the better improvement of the silk-work; together with some particulars, tending to the good of that plantation <i>Moray</i>	I 201	II 653
— Of an excellent liquor made with cyder, apples, and mulberries - - <i>Coleprefs</i>	II 502	
6		— Note

	Transf.	Abridg.
— Note of Pliny about the bleeding of the <i>Lifst</i>	III 2069	
MULTINOMIAL. A method of raising an infinite multinomial to any given power, or extracting any given root of the same — <i>De Moivre</i>	XIX 619	I 90
— Of the fluents of multinomials, and series affected by radical signs, which do not begin to converge till after the second term — <i>Simpson</i>	XLV 328	X 1
— An investigation of some theorems, which suggest some remarkable properties of the circle, and are of use in resolving fractions, whose denominators are, certain multinomials into more simple ones — <i>Lan'en</i>	XLVIII 566	
MUMMY An account of a mummy inspected at London, 1763 — <i>Hadley</i>	LIV 1	
MURAL QUADRANT. A description of an astronomical mural quadrant, freed from many of the inconveniencies it has hitherto laboured under — <i>Gersten</i>	XLIV 507	— 143
MURRAIN IN CATTLE. Vide <i>Cattle, Dissemperis, Inoculation</i>		
MUSA. Some remarks on the family of plants called mufa — <i>Garcin</i>	XXVI 377	VI 2 361 — 274
MUSEUM. Letter concerning several observables in Mr. Thoresby's museum — <i>Thoresby</i>	XXIII 1070	V - 220
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer, of Zurich, sent to J. Petiver — <i>-</i>	XXIV 2042	IV 2286
MUSCLE (fish). Examination of the testicles of a rat, and the seed of muscles, oysters, &c. — <i>Leeuwenhoek</i>	XVII 593	III 685
MUSCLE (Anatomy). Microscopical observations of the carneous fibres of a muscle — <i>Leeuwenhoek</i>	XII 899	III 684
— A letter containing observations upon the seminal vessels, muscular fibres, and blood of whales — <i>Leeuwenhoek</i>	XXVII 438	V 2 267
— An extract of a letter concerning the fibres of the muscles — <i>Leeuwenhoek</i>	XXIX 55	V 390
Concerning the frame and texture of the muscles — <i>Muvs</i>	— 59	— 393
— Observations upon the membranes enclosing the fasciculi of fibres, into which a muscle is divided — <i>Leeuwenhoek</i>	XXXI 12	VII 464
— Observations on the muscular fibres of different animals — <i>Leeuwenhoek</i>	— 134	— 468
— Observations on the muscular fibres of fish — <i>Leeuwenhoek</i>	— 190	— 431

	Transf.	Abridg.
— A letter concerning the muscular fibres in several animals - - <i>Leeuwenboek</i>	XXXII 72	— 468
— Crounian lecture on muscular motion -	XL Supplem.	
— The Crounian lectures on muscular motion, read before the Royal Society in 1744 and 1745 - - <i>Parsons</i>	XLIII 1	XI 1226
— Observations concerning the salt marsh muscle, the oyster-banks, and the fresh-water muscle of Pennsylvania - - <i>Bartram</i>	— 157	XI 860
— Observations of a fracture of the os humeri, by the power of the muscles only - <i>Amyana</i>	— 293	— 1103
— Observations and experiments upon animal bodies, digested in a philosophical analysis, or enquiry into the cause of voluntary muscular motion - - <i>Morton</i>	XLVII 305	
— The case of William Carey, whose muscles began to be ossified - - <i>Henry</i>	LI 89	
A further account - - <i>Henry</i>	— 91	
A further account - - <i>Henry</i>	LII 143	
— Observations upon the effects of electricity applied to a tetanus, or muscular rigidity of four months continuance - <i>Isaacs</i>	— 10	
— A cure of a muscular contraction by electricity <i>Partington</i>	LXVIII 97	
— Somemicroscopical observations upon muscles, and the manner of their production <i>Leeuwenboek</i>	XXVII 529	
MUSHROOM. A description of an odd kind of mushroom yielding a milky juice, much hotter to the tongue than pepper - <i>Lister</i>	VII 5116	II 623
— A letter concerning the seeds of mushrooms <i>Pickering</i>	XLII 593	VIII 812
Some remarks of the above <i>W. Watson</i>	— 599	— 815
— Further remarks concerning mushrooms, occasioned by the Rev. Mr. Pickering's paper, with observations on the poisonous faculty of some sort of fungi - <i>W. Watson</i>	XLIII 51	X 790
— On the propagation and culture of mushrooms <i>Pickering</i>	— 96	X 788
— See <i>Fungus</i>		
MUSIC. Letter concerning a new musical discovery <i>Wallis</i>	XII 839	I 606
— A discourse concerning the musical notes of the trumpets and trumpet-marine, and of the defects of the same - <i>Roberts</i>	XVII 559	— 607
— A question in music lately proposed to Dr. Wallis, concerning the division of the mono-		

chord

	Transf.	Abridg.
chord, or section of the musical canon; with his answer to it - - <i>Wallis</i>	XX 80	I 610
— Letter concerning the strange effects reported of musick in former times beyond what is reported of later ages - - <i>Wallis</i>	— 297	— 618
— The theory of musick reduced to arithmetical and geometrical proportions - <i>Salmon</i>	XXIV 2069	
— A letter of the various genera and species of music among the ancients, with some observations concerning their scale - <i>Pepusch</i>	XLIV 266	X 261
— A letter, inclosing a paper of the late Rev. Mr. Creed, concerning a machine to write down extempore voluntaries, or other pieces of music <i>Freke</i>	— 445	— 265
— Account of one, who had no ear to music naturally, singing several tunes when in a delirium <i>Doddridge</i>	— 596	XI 1084
— An explanation of the modes or tones in the ancient Græcian music - <i>Stiles</i>	LI 695	
MUSICIAN. Account of a very remarkable young musician - - <i>Barrington</i>	LX 54	
— Account of an infant musician - <i>Burney</i>	LXIX 183	
MUSK. The extraordinary effect of musk in convulsive disorders - - <i>Wall</i>	XLIII 212	— 1044
— A remarkable instance of the happy effects of musk, in a very dangerous case <i>Parsons</i>	XLIV 75	— 1055
MUSK SMELLING ANIMALS. An account of some insects smelling of musk - <i>Ray</i>	VI 2219	II 783
Confirmation of the observation about musk-scented insects, adding some notes upon Dr. Swammerdam's book of insects, and on that of Steno, concerning petrified shells <i>Lifter</i>	— 2281	II 783
Discovery of another musk-scented insect <i>Lifter</i>	— 3002	— 792
MUSK HOG. <i>Tajacu seu aper Mexicanus moschiferus</i> , or the anatomy of the Mexico musk-hog <i>Tyson</i>	XIII 359	— 873
MUSTELA. The figure of the <i>mustela fossilis</i> <i>Gronovius</i>	XLIV 451	XI 874
MYOPES. A way for Myopes to use telescopes without eye-glasses, an object glass becoming as useful to them, and sometimes more so than a combination of glasses <i>Desaguliers</i>	XXX 1017	IV 188

	Transf.	Abridg.
MYRRH. Some observations upon myrrh, made in Abyssinia in the year 1771, sent to Dr. Hunter, with specimens, in February, 1775. <i>Bruce</i>	LXV 408	
N.		
NÆVUS MATERNUS. Several letters concerning a particular nævus maternus, or mole <i>Steigertabl</i>	XXXIII 347	VII 485
NAIL. An account of one who had horny excrescences, or extraordinary large nails on his fingers and toes - <i>Locke</i>	XIX 694	
NAIN. Two meteorological journals kept at Nain, in 57 degrees north latitude, and at Okak, in 57 degrees 30 minutes north latitude, both on the coast of Labradore - <i>De la Trobe</i>	LXIX 657	
NAMUR. Account of the cachot, or rooms cut in the rock of the castle in Namur - <i>Ellis</i>	XXIII 1416	V 2 134
NAPELLUS. See <i>Monk's Hood</i>		
NAPLES. Remarks upon the nature of the soil of Naples, and its neighbourhood <i>Hamilton</i> Extract of another letter on the same subject <i>Hamilton</i>	LXI 1 — 48	
— See <i>Catacombs</i>		
NARHUAL, OR UNICORN FISH. An account of a Narhual, or Unicorn Fish, lately taken in the river Ost, in the Dutchy of Bremen, 1739 <i>Steigertabl</i> A description of the same fish <i>Hamp.</i>	XL 147 — 149	IX 71 — 72
NASSAU. Remarks on the stones in the Country of Nassau, and the territories of Cleves and Colen, resembling those of the Giants Causeway in Ireland. - <i>T embly</i>	XLIX 581	
NATRON. Experiments and observations about the natron of Egypt, and the Nitrian water <i>Leigt</i>	XIV 609	II 525
NATURAL HISTORY (Miscellaneous). General head for a natural history of a country, great or small - - - <i>Boyl</i>	I 186	III 361
— — — Divers instances of peculiarities of nature		

both

		Transf.	Abridg.
both in men and brutes	<i>Fairfax</i>	II 549	III 191
— — — An account of some of the natural things, with which Sig. P. Boccone of Sicily hath lately presented the Royal Society	<i>Anon.</i>	VIII 6158	— 287 II 492 — 493 — 821
— — — Observations in natural history made in Scotland	<i>Mackenzie</i>	X 396	III 539 II 822
— — — Extracts of four letters relating to the natural productions of Virginia	<i>Banister</i>	XVII 667	III 631
With an additional note	<i>Hooke</i>	— 691	II 786
— — — Some observations concerning some wonderful contrivances of nature in a family of plants in Jamaica, to perfect the individuum, and propagate the species, with several instances analogous to them in European vegetables	<i>Sloane</i>	XXI 113	— 669
— — — Some natural observations made in the parishes of Kinardsey and Donington, in Shropshire	<i>Plaxton</i>	XXV 2418	V 2 112
— — — A letter containing several observations in natural history, made in travels through Wales	<i>Lbwyd</i>	XXVII 462	V 34 V 2 117
With further account of the birds mentioned in it	<i>Lbwyd</i>	— 466	V 34
And farther observations	<i>Lbwyd</i>	— 467	V 2 118
— — — Letter giving a further account of what he met with remarkable in natural history and antiquities in his travels through Wales	<i>Lbwyd</i>	— 500	— - 120
— — — Several observations relating to the antiquities and natural history of Ireland, in his travels through that kingdom	<i>Lbwyd</i>	— 503	— - 125
Some farther observations	<i>Lbwyd</i>	— 52 4	— - 120
— — — Extracts of letters containing observations in natural history and antiquities in his travels through Wales and Scotland	<i>Lbwyd</i>	XXVIII 93	— - 120 — - 123
— — — Several observations in natural history, made at North Bierley, in Yorkshire	<i>Richardson</i>	XXVIII 167	— - 115
— — — An account of some observations relating to natural history, made in a Journey to the Peak in Derbyshire	<i>Martyn</i>	XXXVI 22	VI - 190 — - 333
— — — A remark on T. Hardouin's amendment of a passage in Pliny's natural history, lib. II.	<i>Folkes</i>	XLIV 365	XI 1378
74			
— — — An account of glasses of a new contrivance			

	Transf.	Abridg.
for preserving pieces of anatomy or natural history in spirituous liquors - <i>Le Cat</i>	XLVI 6	XI 1349
Addition - - - <i>Le Cat</i>	— 88	— —
— A specimen of the natural history of the Volga - - - <i>Forster</i>	LVII 312	
— An account of birds sent from Hudfon's Bay, with observations relative to their natural history; and Latin descriptions of some of the most uncommon - - - <i>Forster</i>	LXII 382	
NAVEL. Account of a foetus voided by the navel of a negro in Nevis - - - <i>Brodie</i>	XIX 580	III 219
— Account of a woman who voided the greatest part of a foetus by the navel - - - <i>Birbeck</i>	XXII 1000	
— Account of a rupture of the - - - <i>Taube</i>	XLIII 50	XI 1027
— A letter concerning the bones of a foetus being discharged through an ulcer near the navel - - - <i>Drake</i>	XLV 121	— 1019
NAVIGATION. Certain problems touching some points of navigation - - - <i>Mercator</i>	I 215	I 576
— A summary relation of what hath hitherto been discovered in the matter of the North-East Passage - - - <i>Anon.</i>	X 417	III 610
— What a compleat treatise of navigation should contain - - - <i>Petty</i>	XVII 657	I 571
— A method for rowing men of war in a calm - - - <i>Du Quet</i>	XXXI 239	VI 439
— An account of a new machine, called the marine surveyor, contrived for the mensuration of the way of a ship in the sea, more correctly than by the log, or any other method hitherto used for that purpose, together with several testimonials setting forth the usefulness of this invention, - - - <i>Saumarez</i>	XXXIII 411	— 444
NAVIGATORS. An advertisement necessary for all Lizard and Scilly navigators bound up the channel of England laid down too far northerly - - - <i>Anon.</i>	XXII 725	— 585
NAUTILITES. A beautiful Nautilite shewn to the Royal Society by the Rev. Charles Lyttleton	XLV 320	X 639
NEAGH. A letter concerning Lough-Neagh in Ireland, and its petrifying qualities - - - <i>Molyneux</i>	XIV 552	II 322
— A retraction of the 7th and last paragraph of Mr. W. Molyneux's letter, vol. XIV. p. 552, concerning Lough-Neagh Stone, and its non-application to the magnet upon calcination - - - <i>Molyneux</i>	— 820	— 323
		— An

	Transf.	Abridg.
— An answer to some queries concerning Lough-Neagh - - - Smyth	XV 1108	II 324
— Some observations of Lough-Neagh in Ireland - - - Nevill	XXVIII 260	V 2 193
— A letter concerning the petrification of Lough Neagh, with a letter from the bishop of Cloyne on the same subject - Simon and Bertley	XLIV 305	X 616
NEBULÆ. An account of several nebulæ, or lucid spots like clouds, lately discovered among the fixed stars by help of the telescope - Halley	XXIX 390	IV 225
NECK. Letter concerning a horn hanging to the neck of an ox, with observations on horns and glandules in general - - - Malpighius	XIV 601	II 865
— An observation of an infant, where the brain was depressed into the hollow of the vertebræ of the neck - - - Tyson	XIX 533	III 26
— An account of a very large tumour in the fore part of the neck - - - Douglas	XXV 2214	V 213
— An observation of a tumour on the neck full of hydatides cured by - - - Hewenden	— 2344	— 216
NEEDLE. See <i>Magnet</i>		
NEGRO. An account of a negro boy that is dappelled in several parts of his body with white spots - - - - - Byrd	XIX 781	II 8
— An account of the remarkable alteration on the colour of a negro woman - - - Bate	LI 759	
— An account of a white negro shewn before the Royal Society - - - Parsons	LV 45	
NERVE. Observations concerning the optic-nerve - - - - - Leuwenhoek	X 378	III 683
— Observations on the optic-nerve - - - - - Leuwenhoek	XVII 949	— 685
— Experiments to prove the existence of a fluid in the nerves - - - - - Stuart	XXXVII 327	VII 585
— Essay on the use of the ganglions of the nerves - - - - - Johnstone	LIV 177	
NESS. Letter concerning the Lake Nefs, &c. - - - - - Frazer	XXI 230	II 322 III 538
NESTS. An account of some very curious wasps nests made of clay in Pennsylvania - - - Bartram	XLIII 363	
— Some observations upon an American wasps nest - - - - - Mauduit	XLIX 205	XI 847
NEW CALEDONIA. See <i>Darien</i>		
NEW ENGLAND. Account of some natural curiosities, and a very strange and curiously contrived fish from New England - - - Winthrop	V 1151	III 564

	Transf.	Abridg.
—— Natural observations made at Boston in New England - <i>Bullivant</i>	XX 167	III 565
—— An extract of several letters from Cotton Mather from New England - <i>Mather</i>	XXIX 62	V 159
—— Observations of remarkable instances of the nature and power of vegetation in New England - <i>Dudley</i>	XXXIII 194	VI 2 342
—— An account of an extraordinary disease among the Indians in the islands of Nantucket and Martha's Vineyard in New England - <i>Oliver</i>	XLIV 386	
NEWGATE. An account of several persons seized with the gaol fever, working in Newgate, and of the manner in which the infection was communicated to one intire family <i>Pringle</i>	XLVIII 42	
NEWTON. A demonstration of the 11th proposition of Sir Isaac Newton's treatise of quadratures <i>Robins</i>	XXXIV 230	VI 60
—— A demonstration of Sir Isaac Newton's formula for raising a multinomial to any power <i>Castilloneus</i>	XLII 91	VIII 10
—— A true copy of a paper found in the hand-writing of Sir Isaac Newton, among the papers of the late Dr. Halley, describing an instrument for observing the moon's distance from the fixed stars at sea - <i>Anon.</i>	— 155	— 129
—— An account of a prize of 100 ducats offered by the Academy of Sciences at Petersburg, for the best answer to the question, "Whether the theory of Sir Isaac Newton is sufficient to explain all the irregularities which are found in the motion of the moon?" <i>Euler</i>	XLVII 263	
—— Remarks upon a passage in Castillone's life of Sir Isaac Newton - <i>Wintthrop</i>	LXIV 153	
—— See <i>Chronology, Equation, Light</i>		
NEW YORK. The longitude of Lisbon, and the Fort of New York, from Wanstead and London, determined by eclipses of the first satellite of Jupiter - <i>Braley</i>	XXXIV 35	VI 412
NIAGARA RIVER. An account of the Falls of the river Niagara taken at Albany, Oct. 10, 1721 <i>Barossa</i>	XXXII 69	VI 2 173
NIGHTSHADE. A brief botanical and medical history of the solanum lethale, bella-donna, or deadly nightshade - <i>W. Watson</i>	L 62	
NIN ZIN or GINSENG. A new genus of plants, called Araliastrum, of which the famous nin-zin or		

ginseng

		Transf.	Abridg.
	gingfeng of the Chinese is a species	XXX 705	IV 2 219
NISOL.	An historico-physical observation on the brass-waters of Nisol, commonly called Ce- ment-Wafzer, changing iron to brass		
	<i>Belius</i>	XL 351	VIII 645
NITRE.	A probable conjecture about the original of the nitre of Ægypt - - - <i>Lifter</i>	XV 836	II 529
—	A catalogue of those oils that will take fire with a great noise, when the compound spirit of nitre is poured upon any of them; and of those oils which do only make a great noise and explosion, but will not take fire, and also of them that do not make effervescence or ex- plosion - - - <i>Anon.</i>	XVIII 200	III 358
—	An experiment concerning the nitrous particles in the air - - - <i>Clayton</i>	XLI 62	VIII 465
—	Manner of preparing nitre in Poland		
	<i>Wolf</i>	LII 356	
NITRIAN WATER.	Experiments and observations about the natron of Egypt, and the nitrian water - - - <i>Leigh</i>	XIV 609	III 525
NITROUS ACID.	Actual fire in detonation, pro- duced by the con act of tinfoil, with the salt composed of copper and the nitrous acid		
— — —	<i>Higgins</i>	LXIII 137	
— — —	See <i>Acid</i>		
NITROUS AIR.	See <i>Air</i>		
NODES.	An account of the appearance of Mercury passing over the sun's disk, on the 29th of Oc- tober, 1723, determining the mean motion, and fixing the nodes of that planet's orb		
—	<i>Halley</i>	XXXIII 228	VI 253
—	A treatise on the precession of the equinoxes, and in general on the motion of the nodes, and the alteration of the inclination of the orbit of a planet to the ecliptic: - <i>Sivabelli</i>	XLVIII 385	
NOLI ME TANGERE.	See <i>Cancer</i>		
NORFOLK.	Extract of a letter concerning observa- tions on the precipices or cliffs on the north east coast of Norfolk - - - <i>Ardern</i>	XLIV 275	X 583 — 592
—	An account of large subterraneous caverns in the chalk hills near Norwich - - - <i>Ardern</i>	XLV 244	— 593
NORFOLK BOY.	Observations on the history of the Norfolk boy - - - <i>Wall</i>	L 836	
NORTH EAST PASSAGE.	A summary relation of what hath been hitherto discovered in the matter of the North East Passage - - - <i>Anon.</i>	X 417	III 610

	Transl.	Abridg
NORTHERN COUNTRIES. Of the diseases incident to, and remedies of northern countries <i>Lloyd</i>	XXI 310 311	II 660
NORTHERN REGIONS. A dissertation on the bones and teeth of elephants, and other beasts found in North America, and other northern regions, by which it appears they are the bones of indigenous beasts - - <i>Raspe</i>	LIX 126	
NORWOOD. Some observations on Norwood's measure of the figure of the earth <i>De la Lande</i>	LII 369	
NOSE. Anatomical observations on the structure of the nose - - <i>Vernoy</i>	XII 976	III 56
— Microscopical observations on the substance called worms in the nose - - <i>Leeuwenhoek</i>	XIV 568	— 684
NOTES. A discourse concerning the musical notes of the trumpet, and trumpet marine, and of the defects of the same - <i>Roberts</i>	XVII 559	I 607
NOVA-ZEMBLA. A letter containing a true description of Nova-Zembla, together with an intimation of the advantage of its shape and position - - <i>Anon.</i>	IX 3	— 570
NOURISHMENT. An account of a puppy in the womb that received no nourishment by the mouth - - <i>Brady</i>	XXIV 2176	V 34
NUMBERS. The squaring of the hyperbola, by an infinite series of rational numbers, together with its demonstration - <i>Brouncker</i>	III 645	I 10
— An account concerning the resolution of equations in numbers - - <i>Collins</i>	IV 929	— 60
— A compendious method for constructing the logarithms, exemplified and demonstrated from the nature of numbers, without any regard to the hyperbola, with a speedy method for finding the number from the logarithm given <i>Halley</i>	XIX 58	— 108
— On the use of numeral figures in England, as old as 1090 - - <i>Luffkin</i>	XXI 287	III 265
— Letter concerning the use of the numeral figures in England in 1090 - <i>Wallis</i>	XXII 677	I 108
— An attempt towards the improvement of the method of approximating in the extraction of the roots of equations in numbers <i>Taylor</i>	XXX 610	IV 80
— ΚΟΣΜΙΝΟΝ ΕΡΩΤΗΜΑΤΙΣΜΟΣ, or, the Sieve of Eratosthenes, being an account of his method of finding all the prime numbers <i>Hersley</i>	LXII 327	

— See Equations

	Transf.	Abridg.
— See <i>Equations</i>		
NUREMBERG. An account shewing that the latitude of Nuremberg has continued without sensible alteration for 200 years last past, as likewise the obliquity of the ecliptic, by comparing them with what was observed by B. Walther, in 1487 - - - <i>Wurtzelbauer</i>	XVI 403	I 262
NUTMEGS. An extract of a letter containing microscopical observations - - - <i>Leeuwenhoek</i>	XVII 949	III 685
NUX VOMICA. An account of the virtues of Faba S. Ignatii - - - <i>Anon.</i>	XXI 87	II 648
Farther and more exact account of the same <i>Igalur, seu nux vomica legitima serapionis</i>	— 88	— 649
Letter on Swammerdam's treatise "de Faba S. Ignatii" - - - <i>Camelli</i>	— 365	— 648
NYCTANTHES ELONGATA. A description and figure of the nyctanthes elongata, a new Indian plant - - - <i>Hotton</i>	— 365	— 652
NYL-GHAU. An account of the Nyl-ghau, an Indian animal not hitherto described - - - <i>Bergius</i>	LXI 289	
	— 170	
O.		
OAK-TREES. An account of grafs in moors soon parched up in the shape of trees, under which oak trees are found - - - <i>Beale</i>	I 323	— 423
— Thoughts about the dwarf-oaks described in vol. V. p. 1151 - - - <i>Willoughby</i>	V 1200	— 833
— An account of two oak trees struck by thunder, and of the horn of a large deer found in the heart of an oak. - - - <i>Clark</i>	XLI 235	VIII 847
— Experiments concerning the use of the agaric of oak in stopping hæmorrhages - - - <i>Sharp, Warner</i>	XLVIII 588	
— A letter giving an account of a new species of oak - - - <i>Holtwell</i>	LXII 128	
See <i>Agaric</i>		
OBJECT GLASSES. Judgment touching the apertures of object-glasses, and their proportions in respect of the several lengths of telescopes, together with a table thereof - - - <i>Luxout</i>	I 55	I 191

	Transf.	Abridg.
— — — Instance to Mr. Hooke for communicating a contrivance of making, with a glass of a sphere of 20 or 40 feet diameter, a telescope, drawing several hundred feet; and his offer of recompensing that secret with another, teaching to measure, with a telescope, the distances of objects upon the earth <i>Auzout</i>	I 123	
— — — A way for Myopes to use telescopes without eye-glasses, an object-glass alone becoming as useful to them, and sometimes more, than a combination of glasses <i>Desaguliers</i>	XXX 1017	IV 188
— — — Letters relating to a theorem of Mr. Euler for correcting the aberrations in the object-glasses of refracting telescopes, by <i>Short, Euler, and Dollond</i>	XLVIII 287	
— — — An account of some new microscopes made at Naples, and their use in viewing the smallest objects — — — <i>Stiles</i>	LV 246	
— — — A method of working the object-glasses of refracting telescopes truly spherical <i>Short</i>	LIX 507	
— — — See <i>Telescopes</i>		
OBSERVATORY. Letter concerning the remains of the observatory of the famous Tycho Brahe <i>Gourdon</i>	XXII 691	I 216
— The difference of longitude between the Royal Observatories of Greenwich and Paris, determined by the observations of the transits of Mercury over the sun in 1723, 1736, 1746, 1753 — — — <i>Sheri</i>	LIII 158	
— Description and use of a new-constructed equatorial or portable observatory — — — <i>Nairne</i>	LXI 107	
— A comparative table of the corresponding observations of the first satellite, made in the principal observatories — — — <i>Wargentin</i>	LXVII 162	
— An account of the Bramin's observatory at Benares — — — <i>Barker</i>	— 598	
OBSTRUCTION. A method proposed to restore the hearing, when injured from an obstruction of the tuba eustachiana — — — <i>Watben</i>	XLIV 213	
OCCULTATION. An occultation of Mars, and certain fixed stars, observed at Danzig, Sept. 1, 1676, — — — <i>Hevelius</i>	XI 721	I 350
— An observation of Mars covered by the moon, Aug. 21, 1676, at Greenwich — — — <i>Flamsteed</i>	— 723	
— An account of an occultation of Venus by the — — — <i>Halley</i>	— 724	— —

	Tranf.	Abridg.
moon, Sept. 19, 1729, at Berlin <i>Kirchius</i>	XXXVI 256	VI 352
— Observations of the occultation of Mars by the moon, Oct. 7, 1736, Fleet-street <i>Graham</i>	XL 100	VIII 186
Covent-garden - - - <i>Bevis</i>	— 101	
— Observations of an occultation of Paliliclus, at Berlin, Dec. 23, 1738 - - <i>Kirchius</i>	XLI 223	— 134
Witenberg - - - <i>Weidler</i>	— 225	
— An occultation of Jupiter and his satellites by the moon, Oct. 28, 1740 - <i>Graham</i>	XLI 647	— 184
— An account of an occultation of Jupiter by the moon, June 6, 1744, London - <i>Bevis</i>	XLIII 65	X 95
— An observation on an occultation of Cor Leonis, by the moon, on Thursday, March 12, 1747, in Surry-street, in the Strand, London, with a reflecting telescope, made by Mr. Short, which magnified above 100 times <i>Bevis</i>	XLIV 455	— 110
— An occultation of the planet Venus by the moon in the day-time, observed at London, April 16, 1751 <i>Bevis</i>	XLVII 159	
— Observations of the occultations of Venus by the moon, April 16, 1751 <i>Bradley</i>	— 201	
— Account of occultations of the fixed stars by the moon, that will happen in 1763, proper to determine the exact difference of longitude betwixt London, Paris, and Greenwich <i>De la Lande</i>	LII 607	
— Occultation of fixed stars by the moon, observed at Greenwich, 1769 <i>Maskeelyne</i>	LIX 399	
— An account of an occultation of the star γ Tauri by the moon, observed at Leicester <i>Ludlam</i>	LX 355	
— Occultation of α and γ Tauri by the moon <i>Lexell</i>	LXV 280	
— See <i>particular Occultations in their Places</i>		
OCEAN. Advice touching the conjunction of the Ocean with the Mediterranean - <i>Petit</i>	I 41	III 683
— A narrative of the conjunction of the two seas, the Ocean, and the Mediterranean, by a channel cut out through Languedoc in France <i>Oldenburg</i>	IV 1123	— —
— Additions to the narrative about the conjunction of the ocean and the Mediterranean, by a channel in France - <i>Froidour</i>	VII 4080	III 683
— An essay on the connection between the parallaxes of the sun and moon, their densities,		

	Transf.	Abridg.
and their disturbing forces on the ocean <i>Murdock</i>	LVIII 24	
ODOURS. Letter declaring that he, as well as many others, have not been able to make odours pass through glass by means of electricity, and giving a particular account of Professor Bose, at Wittemberg, his experiments of beatification, or causing a glory to appear round a man's head by electricity - <i>W. Watson</i>	XLVI 348	X 410
— An account of experiments relating to odours passing through electrified globes and tubes <i>Winkler</i>	XLVII 231	
With an account of the result of some experiments made here with globes and tubes, transmitted by Mr. Winkler, in order to verify the facts above mentioned <i>W. Watson</i>	— 236	
OENANTHE AQUATICA. Critical observations concerning the <i>oenanthe aquatica succo viroso crocante</i> , of Lobel - <i>W. Watson</i>	XLIV 227 L 856	— 765
OIL. An account of the making pitch, tar, and oil, out of a blackish stone in Shropshire <i>Ele</i>	XIX 544	
— Letter concerning the efficacy of oil of olives in curing the bite of vipers - <i>Williams</i>	XL 26	IX 66
— An account of some cases of dropries cured by sweet oil - <i>Oliver</i>	XLIX 46	
OIL OF ORANGES. An account of an experiment touching the direction of a drop of the oil of oranges, between two glass planes, towards any side of them that is nearest pressed together - <i>Haukbee</i>	XXVII 395	IV 2 182
— An account of an experiment, concerning the angle required to suspend a drop of oil of oranges, at certain stations, between two glass planes, placed in the form of a wedge <i>Haukbee</i>	— 473	— — —
OKAK. Two meteorological journals kept at Nain, in 57 degrees north latitude, and at Okak, in 57 degrees 38 minutes, north latitude, both on the coast of Labradore <i>De la Trobe</i>	LXIX 657	
OMBRÆ. An account of certain transparent pebbles, mostly of the shape of the ombriæ <i>Lifter</i>	XVII 778	II 467
OMBROMETER. Description of the ombrometer <i>Pickering</i>	XLIII 12	XI 1030

	Transf.	Abridg.
OMENTUM. Observations on a large omentum <i>Huxham</i>	XXXIII 60	VII 518
OPAL. Letter about the making of counterfeit opal - - - <i>Colepreff</i>	III 743	III 685
OPHRIS. An account of a species of ophris, sup- posed to be the plant mentioned by Gronovius in the Flora Virginica, p. 185 - <i>Ehret</i>	LHI 81	
OPIMUM. Of the use of opium amongst the Turks <i>Smyth</i>	XIX 288	II 643
— An account of a person who took a great quan- tity of opium without causing sleep - <i>Anon.</i>	XXII 999	V 357
OPOSSUM. Carigueya seu Marsupiale Americanum, or the anatomy of an opossum - <i>Tyson</i>	XX 105	II 881
— The anatomy of a male opossum with observa- tions - - - <i>Cowper</i>	XXIV 1565	
— The anatomy of a male opossum, with observa- tions on the opossum, and a new division of terrestrial brute animals, particularly those that have feet formed like hands, where an account is given of some animals not yet de- scribed - - - <i>Tyson</i>	— —	V 177
— A letter to Dr. Tyson, giving an account of the anatomy of those parts of a male opossum that differ from the female - - - <i>Cowper</i>	— 1576	— 169
OPTICK GLASSES. An account of an improvement of optick glasses - - - <i>Ciampani</i>	I 2	I 193
— Considerations upon Mr. Hooke's new in- strument for grinding of optick glasses <i>Auzout</i>	— 56	— 215
Answered - - - <i>Hooke</i>	— 63	— 192
— A further account touching Signor Cam- pani's book and performances about optick glasses - - - <i>Auzout</i>	— 69	
— Sig. Campani's answer, and M. Auzout's animadversions thereon - - -	— 74	
— Of M. Hevelius's promise of imparting to the world his invention of making optick glasses, and of the hopes given by M. Hugen of Zulichem, to perform something of the like nature; as also of the expectations con- ceived of some ingenious persons in England, to improve telescopes - - -		
<i>Hevelius Hugen & Du Ron</i>	— 98	— 193
— An account of the tryals, made in Italy, of Campani's new optick glasses - <i>Anon.</i>	I 131	I 193 II 845
— A contest between two artists about op- tick glasses - <i>Campani & Divini</i>	— 209	I 193

	Transf.	Abridg.
— An observation of optick glassees made of rock-crystal - <i>Divini</i>	I 362	I 195
— An account of the invention of grinding optic and burning glassees of a figure not spherical - <i>Smethwicke</i>	III 631	— 194
— A letter concerning an optical experiment, conducive to a decayed sight - <i>Anon.</i>	— 727	III 41
Another, confirming the former, and adding some other observations about sight <i>Anon.</i>	— 729	II 864
A note relating to the above <i>Anon.</i>	— 765	
Another note on the same, about the small empty tubes - <i>Anon.</i>	— 802	
— A contrivance to make the picture of any thing appear on a wall, cup-board, or within a picture-frame, &c. in the midst of a light room <i>Hooke</i>	— 741	I 206
— Letters about an optic problem of Alhazen <i>Slusius, Hugenius</i>	VIII 6119	— 172
Continuation of the letters <i>Slusius, Hugenius</i>	— 6140	— 174
Some optical assertions concerning the rainbow - <i>Linus</i>	X 386	II 290
— An instance of the excellence of the modern algebra in the resolution of the problem of finding the foci of optic glassees universally <i>Halley</i>	XVII 960	I 315
— An account of an optical experiment made before the Royal Society - <i>Desaguliers</i>	XXXII 206	— 183
— Experiments made in August, 1728, before the Royal Society upon occasion of Signor Rizzetti's opticks with an account of that book <i>Desaguliers</i>	XXXV 607	VI 145
— An observation made in opticks <i>Edwards</i>	LIII 229	— 110
— See <i>Light and Colours</i> .		
OPTIC NERVE. Microscopical observations concerning the optic nerve - <i>Leeuwenhoek</i>	X 378	III 683
— Observations on the crystalline humours, optic nerves, &c. - <i>Leeuwenhoek</i>	XVII 949	— 685
OPUNTIA. The effects of the opuntia, or prickly-pear, and of the indigo plant, in colouring the juices of living animals - <i>Baker</i>	L 296	
ORANG-OUTANG. Account of the organs of speech of the Orang-outang - <i>Camper</i>	LXIX 139	
ORANGES. Some hortulan communications about the curious engrafting of oranges and lemons, or citrons, upon one another's trees, and of one individual fruit, half orange and half lemon, growing on such trees - <i>Anon.</i>	II 553	II 568

	Transf.	Abridg.
— A philological observation concerning oranges and lemons, both separately, and in one piece, produced on one and the same tree. at Florence		
<i>Nata</i>	X 313	— 658
ORATAVA. An account of a journey from the port of Oratava, in the island of Teneriffe, to the top of the pike in that island, in Aug. 1715, with observations made thereon, by <i>Edens</i>	XXIX 317	V 2 148
ORBS. A direct and geometrical method by which the aphelia, excentricities and proportions of the orbs of the principal planets may be determined without supposing the equality of the angle of motion at the other of focus the planet's ellipsis - <i>Halley</i>	XI 683	I 258
— An account of the appearance of Mercury passing over the sun's disk, on the 29th of October, 1723; determining the mean motion, and fixing the nodes of that planet's orb		
<i>Halley</i>	XXXIII 228	VI 253
ORBIT. The curve assigned by Cassini to planets as their orbit, considered and refuted <i>Gregory</i>	XXIV 1704	IV 206
— The parabolic orbit for the comet of 1739, observed at Bologna - <i>Zanotti</i>	XLI 809	VIII 215
— A treatise on the precession of the equinoxes, and in general on the motion of the nodes, and the alteration of the inclination of the orbit of a planet to the ecliptick <i>Silvabelle</i>	LXVIII 385	
ORCADES. An account of the current of the tides about the Orcades - <i>Anon.</i>	VIII 6139	II 290
ORES. An examination of various ores in the museum of Dr. W. Hunter <i>Fordyce and Alchorne</i>	LXIX 529	
ORGAN. Letter on some supposed imperfections in an organ - <i>Wallis</i>	XX 249	I 612
ORKNEY. An abstract from an account of the islands of Orkney, by <i>James Wallace</i>	XXII 543	
ORRERY. The phenomena of Venus represented in an orrery made by Mr. James Ferguson, agreeable to the observations of Signior Bianchini -	XLIV 127	X 95
ORTHO CERATITES. An account of a remarkable fossil orthoceratites - <i>Wright</i>	XLIX 670	
Another account - <i>Wright</i>	— 672	
— An account of a rare species of, found in Sweden - <i>Himself</i>	L 692	
OSCILLATION. On the finding of the centre of of cillation - <i>Taylor</i>	XXVIII 11	IV 384

	Transl.	Abridg.
Os FEMORIS. Account of a callus that supplied the lofs of the os femoris - <i>Sherman</i>	XXVI 450	V 54
Os FRONTIS. See <i>Bone</i>		
Os HUMERI. An account of the cure of two sinuous ulcers poffeffing the fpace of the whole arm, with the extraordinary fupply of a callus, which fully anfwers the purpofes of the os humeri loft in time of cure - <i>Fowler</i>	XXV 2466	V 388
— Part of a letter concerning the coming off of the fcapula and head of the os humeri, upon a mortification - <i>Derante</i>	XXXII 15	VII 676
— Observations of a fracture of the os humeri by the power of the mufcles only - <i>Amyand</i>	XLIII 293	XI 1103
— An account of a woman enjoying the ufe of her right arm after the head of the os humeri was cut away - <i>Bent</i>	LXIV 353	
— A cafe in which the head of the os humeri was fawn off, and yet the motion of the limb preferved - <i>Orred</i>	LXIX 6	
Os ILIUM. An account of a fracture of the os ilium, and its cure - <i>Loyard</i>	XLIII 537	X 1110
Os PUBIS. Account of a woman who voided the bones of a foetus above the os pubis, and by other extraordinary ways <i>Phil. Society at Oxford</i>	XX 292	III 219
OSSICLES. A defcription of the organ of hearing in the elephant, with the figures and fituation of officles, labyrinth, and cochlea, in the ear of that animal - <i>Blair</i>	XXX 885	V 82
OSSIFICATION. Account of an offification of the thoracic duft - <i>Chefton</i>	LXX 323	
Continuation of the cafe of James Jones <i>Chefton</i>	— 578	
OSTEOCOLLA. Letter concerning osteocolla, and other obfervables near Francfort on the Oder <i>Bickman</i>	III 771	II 461
— An enquiry concerning the ftone osteocolla <i>Beurerus</i>	XLIII 373	X 602
OSTRACITES. Part of a letter concerning the vir- tues of the oftracites, with a remark of Mr. Lifter's on it - <i>Cay</i>	XXI 81	II 505
OSTRICH. Some obfervations made in an oftrich diflected by order of Sir Hans Sloane <i>Ranby</i>	XXXIII 223	VII 435
— Obfervations upon the diffection of an oftrich <i>Warren</i>	XXXIV 113	— 437

— Some

	Transf.	Abridg.
— Some material observations upon dissecting an esrich - - - <i>Ranby</i>	XXXVI 275	VII 437
OTIS MINOR. Letter concerning the pheasant of Pennsylvania - - - <i>Edwards</i>	XLVIII 499	
OVA. An account of the dissection of a bitch, whose cornua uteri being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - - - <i>Anon.</i>	XIII 183	II 904
OVALS. The principal properties of the engine for turning ovals in wood or metals, and of the instrument for drawing ovals upon paper, de- monstrated - - - <i>Ludlam</i>	LXX 378	
OVARIIUM. An observation concerning a very odd kind of dropsy or swelling of one of the ova- ries of a woman - - - <i>Sloane</i>	XXI 150	III 207
— An account of balls of hair taken from the uterus and ovaria of several women <i>Yonge</i>	XXV 2387	
— An account of a dropsy in the left ovary of a woman aged 58, cured by a large inci- sion made in the side of the abdomen <i>Houfloun</i>	XXXIII 8	VII 541
— Two newly discovered arteries, in women, going to the ovaria - - - <i>Ranby</i>	XXXIV 159	— 541
Ox. Letter concerning a horn hanging to the neck of an ox, with observations on horns and glan- dules in general - - - <i>Malpighius</i>	XIV 601	II 865
— An extract giving an account of a large præ- ter-natural glandulose substance, found be- tween the heart and pericardium of an ox <i>Anon.</i>	XV 860	III 69
— Microscopical observations on the palates of oxen <i>Leeuwenhoek</i>	XXVI 294	V 2 267
— A letter serving to accompany the pictures of an extraordinary fossil-skull of an ox, with the cores of the horns - - - <i>Klein</i>	XXXVII 427	VII 4 101
OXYOIDES. Memoirs containing a description of a new family of plants called oxyoides <i>Garcin</i>	XXXVI 377	VI 2 357
OYLS. A catalogue of those oyls that will take fire with a great noise and explosion, when the compound spirit of nitre is poured upon any of them, and of those oyls which do only make a great noise and explosion, but will not take fire; and also of those that do not make ef- fervescence or explosion - - - <i>Anon.</i>	XVIII 200	III 358

	Transf.	Abridg.
OYSTERS. Observations about shining worms in oysters - <i>Auzout</i>	I 203	III 826
— Microscopical examination of the testicles of a rat, and the seed of muscles and oysters, &c. <i>Leeuwenhoek</i>	XVII 593	— 685
— Observations on young oysters. <i>Leeuwenhoek</i>	XIX 790	— 685
— Account of beds of oyster-shells found near Reading, Berkshire - <i>Brewer</i>	XXII 844	
— Part of a letter concerning the stocking the river Mene with oysters - <i>Rowlands</i>	XXXI 250	VII 420
— Observations on the oyster-banks of Pennsylvania - <i>Bartram</i>	XLIII 157	XI 860
— A letter concerning the animal-life of those corallines, that look like minute trees, and grow upon oysters and fucus's all around the sea-coast of this kingdom. - <i>Ellis</i>	XLVIII 627	
P.		
PÆSTUM. Elucidation of an Etruscan coin of Pæstum, in Lucania, emitted from the mint there, about the time of the social war <i>Swinton</i>	LVIII 246	
PAGAN TEMPLE. An explanation of the figures of a Pagan temple, and unknown characters, at Canara, in Salfet - <i>Stuart</i>	XXVI 372	V 2 60
PAIN. An account of the probable causes of the pain in Rheumatisms; as also of the cure of a total suppression of urine, not caused by the stone, by the use of acids - <i>Baynard</i>	XIX 19	III 265
PAINTING. A relation of the conferences held at Paris in the Royal Academy, for the improvement of the arts of painting and sculpture - <i>Journal des Sçavans</i>	IV 953	I 603
— Letter judging of the age of painters by the style - <i>Wanley</i>	XXIV 1993	V 2 1
— An account of the principles of printing, in imitation of painting - <i>Blon</i>	XXXVII 101	VI 469
— Extract of a letter concerning an ancient method of painting, revived by Count Caylus <i>Mazeas</i>	XLIX 652	
		— Obfer.

	Transf.	Abridg.
— Observations on the Abbé Mazeas's letter on the count de Caylus's method of imitating the ancient painting in burnt-wax - <i>Parsons</i>	XLIX 655	
— Experiments concerning the encaustic painting of the ancients - <i>Colebrooke</i>	LI 40	
A letter concerning the success of the former experiments - <i>Colebrooke</i>	— 53	
— An account of some subterraneous apartments with Etruscan inscriptions and paintings discovered at Civita Turchino, in Italy <i>Wilcox</i>	LIII 127	
PALATE. Microscopical observations on the palates of oxen - <i>Leeuwenhoek</i>	XXVI 294	V 2 267
PALILICIUS. Observation of an occultation of Palilicius, at Berlin, Dec. 23, 1738 <i>Kirchius</i>	XLI 223	VIII 134
Wirtenberg - <i>Weidler</i>	— 225	
PALM STONES. Microscopical observations on palm and date stones, &c. - <i>Leeuwenhoek</i>	XVII 949	III 685
PALMYRA. A relation of a voyage from Aleppo to Palmyra, in Syria - <i>Halifax</i>	XIX 83	— 505
— An extract of the journals of two several voyages of the English merchants of the factory of Aleppo, to Tadmor, anciently called Palmyra - <i>Anon.</i>	— 129	— 492
— Some account of the ancient state of the city of Palmyra, with short remarks upon the inscriptions found there - <i>Halley</i>	— 160	— 518
— A dissertation upon a Parthian coin, with characters on the reverse, resembling those of the Palmyrenes - <i>Swinton</i>	XLIX 593	
PALPITATION. On the palpitation of the diaphragm <i>Leeuwenhoek</i>	XXXII 436	VII 562
PALSY. An abstract of a letter, giving an instance of the bath water curing the palsy, and barrenness - <i>Pierce</i>	XV 944	II 339
— Letter concerning a periodical palsy <i>Musgrave</i>	XX 257	III 33
— Letter concerning an uncommon palsy in the eye-lids - <i>Cantwell</i>	XL 311	IX 121
— An account of an iliac passion from a palsy in the large intestines - <i>De Castro</i>	XLVII 123	
— An account of a cure of a paralytic arm by electricity - <i>Hart</i>	XLIX 558	
— An instance of the electrical virtue in the cure of a palsy - <i>Brydone</i>	L 392	

	Trans.	Abridg.
— An account of the effects of electricity in paralytic cases <i>Franklin</i>	— 481	
— The case of a paralytic patient cured by an electrical application - <i>Himself</i>	LI 179	
PANCREAS. An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidneys <i>Le Cat</i>	LVII 1	
PANTHEON. An account of the alterations making in the pantheon at Rome <i>Anon.</i>	L 115	
PAPAVER CORNICULATUM LUTEUM. An account of some effects of the papaver corniculatum luteum - <i>Newton</i>	XX 263	III 297
PAPER. Some account of the paper-money current among the Chinese - <i>Gambis</i>	XLVI 327	XI 1364
— An account of an essay on the origin of a natural paper, found near the city of Cortona, in Tuscany <i>Strange</i>	LIX 50	
— Of the culture and use of the fœm or suaplant of Hindostan, with an account of the manner of manufacturing the Hindostan paper <i>Ironfear</i>	LXIV 99	
— The principal properties of the engine for turning ovals in wood or metal, and of the instrument for drawing ovals upon paper demonstrated - <i>Luddam</i>	LXX 378	
— See <i>Asbestus</i>		
PAPIN. Letter concerning Dr. Papin's way of raising water - <i>Vincent</i>	XV 1238	I 539
— Letter concerning Dr. Papin's new water engine - <i>Tenon</i>	— 1254	— —
PAPPUS OF ALEXANDRIA. Two general propositions of his, taking in a great part of Euclid's porisms restored - <i>Simpson</i>	XXXII 330	VI 76
PARABOLA. Cubic and biquadratic equations constructed by one parabola and circle <i>Halley</i>	XVI 335	I 63
— Some propositions on the parabolic motion of projectiles, written in 1710 - <i>Taylor</i>	XXXI 151	VI 299
— The parabolic orbit for the comet of 1735, observed at Bologna - <i>Zanotti</i>	XXI 809	VIII 215
— A short narrative of the structure and effect of parabolic burning-glasses, made by Mr. Hoesen, of Dresden, and an account of experiments made with them on the fusion of different substances - <i>Wolfe</i>	LIX 4	
— Directions for making the best composition for		

	Transf.	Abridg.
the metals of reflecting telescopes; together with a description of the process for grinding, polishing, and giving the great speculum the true parabolic curve - <i>Mudge</i>	LXVII 296	
PARABOLOEID. Letter asserting the first invention and demonstration of the equality of the curve line of a paraboloid to a straight line, and next the finding a straight line equal to that of a cycloid, and of the parts thereof <i>Wallis</i>	VIII 6146	I 193
Two other letters to the same purpose <i>Anon.</i>	— 6149	
PARABOLIC GLASSES OF M. DE SONS. Progress in working parabolic glasses - <i>Oldenburg</i>	I 119	
— A short narrative of the structure and effect of parabolic burning glasses made by Mr. Hoesen, of Dresden, and an account of experiments made with them on the fusion of different substances - <i>Wolf</i>	LIX 4	— 116
PARALLAX. See <i>Eclipse, Moon, Planets, Sirius, Sun</i>		
PARACENTESIS. An anatomical account of some remarkable things found on the dissection of a woman who died of a dropsy, after the Paracentesis was performed, with a small reflection on the causes of the dropsy - <i>Preston</i>	XIX 330	III 141
PARAGUAY. Astronomical observations made at Paraguay, in South America, from 1706 to 1730 - <i>De Castro Sarmiento</i>	XLV 667	X 118
PARASELENES. An observation of an extraordinary lunar circle, and of two paraselenes made at Paris, Oct. 20, 1747 - <i>Greschow</i>	— 524	— 483
PARDINES. A narrative of an extraordinary sinking down and sliding away of some ground at Pardines, near Auvergne - <i>Anon.</i>	XLI 272	
PAIREIRA BRAVA. An extract of a letter concerning pareira brava, a root from Brasil, where it is called the Universal Remedy, with the preparations of it - <i>Helvetius</i>	XXIX 365	V 404
PARENCHYMOUS. Some considerations concerning the parenchymous parts of the body <i>King</i>	I 316	III 17
PARHELIA. An account of four suns seen in France <i>Journal des Sçavans</i>	— 219	II 186
— An account of two parhelia or mock suns lately seen in Hungary, Jan. 30, 1668 <i>Brown</i>	IV 953	— 186
— Discourse concerning the cause of halos and parhelia - <i>Hugens</i>	— 1086	— 185 — 189

	Transf.	Abridg.
PARHELIA. Extract of a letter concerning some parhelia seen at Sudbury, in Suffolk, Dec. 28, 1698 - - - <i>Pett.</i>	XXI 107	II 187
— An observation of some parhelia seen at Canterbury, Feb. 26, 1692-3 - - - <i>Gra.</i>	— 126	— 187
— An account of an unusual parhelic and halo, April 7, 1699 - - - <i>Gra.</i>	XXII 535	— 188
— An account of the appearance of several unusual parhelia, or mock suns, together with several circular arches lately seen in the air <i>Halley</i>		
— Observations of a parhelic, Oct. 26, 1721 <i>Halley</i>	XXIII 1127	IV 228
— An account of two mock suns, and an arc of a rainbow inverted, with an halo, and its brightest arc seen on Sunday and Monday, Oct. 22 and 23, 1721, at Lyndon, in Rutland - - - <i>Whiston</i>	XXXI 211	VI 2 75
— An account of a parhelic, seen in Ireland, March 22, 1721-2 - - - <i>Dobbs</i>	— 212	— - 76
— An account of four mock suns, seen at Kensington, March 1, 1726 - - - <i>Whiston</i>	XXXII 89	— - 77
— Observations of two, seen December 30, 1735 <i>Neve</i>	XXXIV 257	— - 79
— An observation of two parhelia, or mock suns, seen at Wirtemberg, in Saxony, Dec. 31, 1735 - - - <i>Weidler</i>	XL 52	VIII 508
— An observation of three mock suns, seen at London, Sept. 17, 1736 - - - <i>Folkes</i>	— 54	— 509
— A representation of the parhelia seen in Kent, Dec. 19, 1741 <i>Miles and Tennison</i>	— 59	
— Concerning the mock suns seen Dec. 19, 1741 <i>Colinjon</i>	XLII 46	— 515
— A letter, giving an account of an halo, or mock sun, with a representation, observed July 1749, from Mr. Arderon - - - <i>Baker</i>	— 60	— 525
PARIS. An extract of two essays in political arithmetick, concerning the comparative magnitudes of London and Paris - - - <i>Petty</i>	XLVI 196	XI 1295
— A further assertion of the propositions and vindication from the objections of some learned persons of the French nation - - - <i>Petty</i>	XVI 152	
— Some reflections on Mr. de Lisle's comparison of the magnitude of Paris with London and several other cities, printed in the M. moirs of the Academy of Sciences at Paris - - - <i>Davall</i>	— 237	
— A letter concerning observations to be made on the parallax of the moon at St. Helena, and re-	XXXV 432	VI 426

commending

	Transf.	Abridg.
commending the corresponding ones to be made at Paris and Greenwich; also observations of Jupiter's satellites, recommended to settle the difference of longitude between Paris, Greenwich, and St. Helena - <i>Malkelyne</i>	LII 26	
PAROQUET. Observations in the dissection of a paroquet - - - <i>Waller</i>	XVIII 153	II 855
PARR, THOMAS. An anatomical account concerning Thomas Parr, who died in London, aged 152 years and nine months - <i>Harvey</i>	III 886	III 306
PARSNIP. A letter concerning the medicinal effects of a poisonous plant exhibited, instead of the water-parsnip - - <i>Pulteney</i>	LXII 469	
PARTHIAN COIN. A dissertation upon a Parthian coin, with characters on the reverse, resembling those of the Palmyrene's <i>Swinton</i>	XLIX 593	
— Conjectures upon an in-edited Parthian Coin <i>Swinton</i>	LI 680	
— Description of two Parthian coins, never hitherto published - - <i>Swinton</i>	LVI 296	
PARTURITION. Dissection of a woman who died in child-bed - - <i>Sivestre</i>	XXII 787	V 303
— An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera - <i>Douglas</i>	XXV 2317	— 294
— An account of the Cæsar an operation performed by an ignorant butcher - <i>Copping</i>	XLI 814	
PASSION FLOWER. A letter containing some microscopical observations on the farina fecundans of the holyoak and the passion flower <i>Badcock</i>	XLIV 150	X 753
Further observations and experiments on the passion flower and its farina - <i>Badcock</i>	— 166	— 756
PASTE. A letter concerning the minute eels in paste being viviporous - - <i>Sherwood</i>	— 67	XI 799
PASTINACA MARINA. An account of the tongue of a pastinaca marina, frequen in the seas about Jamaic, and lately dug up in Maryland and England - - <i>Shane</i>	XIX 674	II 431
PASTURE. Part of a letter concerning worms observed in sheep's livers and pasture-grounds <i>Leeuwenhoek</i>	XXIV 1522	V 2 266
PATAGONIA. An account of the very tall men seen near the Straights of Magellan, in 1764, by the equipage of the Dolphin man of war, under the command of captain Byron <i>Clark</i>	LVII 75	
— Letter on the inhabitants of the coast of Patagonia - - <i>Carteret</i>	LX 20	
5		PATELLA.

	Transf.	Abridg.
PATELLA. Part of a letter concerning a case in chi- surgery, which is commonly mistaken for a fracture of the patella - <i>Deverel</i>	XXXI 44	VII 678
— An account of the patella or limpet fish of Ber- mudas - <i>Forbes</i>	L 859	
PAVEMENT. An accurate account of a tessellated pavement, bath, and other Roman antiquities lately discovered at East Bourne, in Suffex <i>Tabor</i>	XXX 549	V 2 63
— The rest of the treatise concerning the scite of the ancient city of Anderida, and other re- mains of antiquity in the County of Suffex <i>Tabor</i>	— 783	— 71
— A description of a Roman pavement found near Grantham, in Lincolnshire, with the oeco- nomy of the Roman times in this part of Eng- land - <i>Stukeley</i>	XXXV 428	VII 4 29
PAUL'S, SAINT. Proposal of a method for securing the cathedral of St. Paul's from damage by lightning, in consequence of a letter from the dean and chapter to James West, Esq. <i>Committee of the Royal Society</i>	LIX 160	
PEAK. An account of some observations relating to natural history made in a journey to the Peak in Derbyshire - <i>Martyn</i>	XXXVI 22	VI 2 190
PEARS. Some communications concerning cyder <i>Reed</i>	VI 2128	II 687
— The propriety of pears for some lands; their choice for manifold uses, especially for plea- sant, or for lasting liquor; and how they are to be planted and ordered to the best advantage <i>Beal</i>	— 2144	— 653
— Account of a double pear - <i>Anon.</i>	XXII 470	— —
— See <i>Opuntia</i>		
PEARLS. Extract of two letters concerning the ori- gin of pearls - <i>Sandius</i>	IX 11	— 827
— A letter concerning pearl-fishing in the North of Ireland - <i>Redding</i>	XVII 659	I 607
PEAS. Observations of the effects which the farina of peas of different colours have on each other <i>Henchman</i>	XLIII 477	
PEAT. An account of the peat-pit near Newbury, in Berkshire - <i>Collet</i>	L 109	
— Experiments and observations upon a blue sub- stance found in the peat-moss, in Scotland <i>Douglas</i>	LVIII 181	

	Transf.	Abridg.
PEBBLES. An account of certain transparent pebbles, mostly of the shape of the Ombrizæ or Brontizæ		
— <i>Lifter</i>	XVII 778	II 467
— Part of a letter concerning the formation of pebbles - - - <i>Arderon</i>	XLIV 467	X 608
PECQUET. Answer to him concerning the opinion that the chorocides is the principal organ of sight - - - <i>Marriotte</i>	V 1023	II 833 III 191
PECULIARITIES. Divers instances of peculiarities of natures, both in men and brutes <i>Fairfax</i>	II 549	— 287
PEDICULUS CÆTI. A description of the pediculus cæti - - - <i>Sibbald</i>	XXV 2314	V 25
PEDICULUS PULSATORIUS. Letter concerning an insect that is commonly called the death-watch - - - <i>Derham</i>	XXII 832	
— A supplement to the account of the pediculus pulsatorius, or death-watch, serving to the more perfect natural history of that insect <i>Derham</i>	XXIV 1586	— 28
PEKING. A description of the plan of Peking, the capital of China - - - <i>Gaubil</i>	L 704	
PELVIS. Anatomical observations of an abscess in the liver; a great number of stones in the gall-bag and bilious vessels; an unusual conformation of the emulgentes and pelvis; a strange conjunction of both kidneys, and a great dilation of the vena cava - - - <i>Tyson</i>	XII 1035	III 81
— An account of a large glandular tumour in the pelvis; and of the pernicious effects of crude Mercury, given inwardly to a patient <i>Cantwell</i>	XL 139	IX 184
— An account of a bone found in the pelvis of a man at Bruffels - - - <i>Brady</i>	L1 660	
PEN-FISH. An account of the sea-pen, or Pennatula phosphorea of Linnæus; likewise a description of a new species of sea-pen found on the coast of South-Carolina, with observations on sea-pens in general - - - <i>Ellis</i>	LIII 419	
PENDULUM. A narrative concerning the success of pendulum-watches at sea for discovering the longitudes - - - <i>Holmes</i>	I 13	I 555
— Instructions concerning the use of pendulum-watches, for finding the longitude at sea, together with a method of a journal for such watches - - - <i>Hugens</i>	IV 937	— 547
— Experiments about the motion of pendulums in vacuo - - - <i>Derham</i>	XXIV 1785	IV 2 168
— A contrivance to avoid the irregularities in a		

	Transf.	Abridg.
clock's motion, occasioned by the action of heat and cold upon the rod of the pendulum <i>Graham</i>	XXXIV 40	VI 297
PENDULUM. An account of some observations made in London by Mr. Graham, and at Black River, in Jamaica, by Colin Campbell, concerning the going of a clock, in order to determine the difference between the lengths of isochronal pendulums in those places <i>Graham, Campbell, and Bradley</i>	XXXVIII 302	VII 238
— Experiments concerning the vibrations of pendulums <i>Derham</i>	XXXIX 201	VIII 245
— An account of the influence which two pendulum clocks were observed to have upon each other <i>Ellicott</i>	XLI 126	— 246
Further observations and experiments <i>Ellicott</i>	— 128	
— A commentary of some new observations to discover whether pendulums are obstructed by any centrifugal force <i>Polenus</i>	XLII 299	— 250
— Two methods by which the irregularity of the motion of a clock arising from the influence of heat and cold upon the rod of the pendulum may be prevented <i>Ellicott</i>	XLVII 479	
— Letter concerning the inventor of the contrivance in the pendulum of a clock to prevent the irregularities of its motion by heat and cold <i>Short</i>	— 517	
— See <i>Clock</i>		
PENGUIN. An account of the different species of the birds called penguins <i>Pennant</i>	LVIII 91	
PENIS. An account of an extraordinary flux of the blood by the penis <i>Howman</i>	XXXII 418	VII 539
PENNATULA PHOSPHOREA. An account of the sea pen, or pennatula phosphorea of Linnæus; likewise a description of a new species of sea pen found on the coast of South Carolina, with observations on sea pens in general <i>Ellis</i>	LIII 419	
PEN-PARK-HOLE. A description of Pen-Park-Hole, in Gloucestershire <i>Southwell</i>	XIII 2	II 370
PENNSYLVANIA. Observations on the oyster banks of Pennsylvania <i>Bartram</i>	XLIII 157	XI 860
PEPPER. A description of an odd kind of mushroom yielding a milky juice, much hotter upon the tongue than pepper <i>Lister</i>	VII 5116	II 623
		— Obser-

	Transf.	Abridg.
— Observations concerning some little animals observed in rain, well, sea, and snow water; as also in water where pepper had laid infused <i>Leeuwenhoek</i>	XII 821	III 683
With the manner of observing them <i>Leeuwenhoek</i>	— 844	— —
— A description of the pimicenta, or Jamaica pepper tree — — — — — <i>Sloane</i>	XVII 462	II 663
— Several observations and experiments on the animalcula in pepper-water <i>Sir Edmund King</i>	— 861	III 654
PERCUSSION. An essay on the force of percussion <i>Richardson</i>	LVIII 17	
PERICARDIUM. An extract, giving an account of a large præter-natural substance found between the heart and pericardium of an ox <i>Anon.</i>	XV 860	— 69
PERIOSTEUM. Observations upon the bones and the periosteum — — — — — <i>Leeuwenhoek</i>	XXXI 91	VII 672
PERITONÆUM. Case of a large quantity of matter or water contained in cystis's or bags adhering to the peritonæum, and not communicating with the cavity of the abdomen <i>Graham</i>	XLI 708	IX 187
PERRY. An account of some improvements which may be made in cyder and perry — — — — — <i>Miles</i>	XLIII 516	
PERSEPOLIS. A letter containing the exact draughts of several unknown characters, taken from the ruins at Persepolis — — — — — <i>Flowers</i>	XVII 775	III 526
— A letter, with two draughts of the famous Persepolis — — — — — <i>Wilsen</i>	XVIII 117	— 527
PERSIA. Inquiries for Persia — — — — — <i>Royal Society</i>	II 420	— 632
— Observations upon five antient coins struck in Palestine, or Phœnicia, before the dissolution of the Persian empire — — — — — <i>Swinton</i>	LXI 345	
PERSON. Part of a letter concerning a person who had a new set of teeth after 80 years of age; with some observations upon the virtues and properties of sugar — — — — — <i>Slare</i>	XXVIII 273	V 353
PERSPECTIVE. The description of an instrument, invented divers years ago, for drawing the outlines of any object in perspective <i>Wren</i>	IV 898	I 598
PETRIFICATION. Of a place in England, where, without petrifying water, wood is turned into stone — — — — — <i>Boyle</i>	I 101	II 325
— Observables touching petrification — — — — — <i>Beale</i>	— 320	III 149
An addition to the instances of petrification <i>Packer</i>	— 329	II 325
— A narrative of two petrifications in human bodies — — — — — <i>Kirkby</i>	VI 2158	III 150
		— 158

	Transf.	Abridg.
PETRIFICATION. A description of certain stones figured like plants, and by observing men esteemed to be plants petrified - <i>Lifter</i>	VIII 6181	II 493
— Extracts of several letters from Edinburgh of a petrifying rivulet, &c. - <i>Mackenzey</i>	X 307	— 321
Advertisements of petrifying and metallizing waters in Scotland - <i>Bea</i>	— 357	
— A letter concerning Lough-Neagh, in Ireland, and its petrifying qualities - <i>Molyneux</i>	XIV 552	— 322
— A catalogue of the minerals, petrified shells, and other fossils, sent from C. M. Spencer of Berlin to J. Petiver - <i>Anon.</i>	XXIV 2082	IV 2 286
— An account of part of two human skeletons petrified - <i>Scheuczer</i>	XXXIV 38	VI 2 205
— Account of the petrification near Matlock Baths in Derbyshire; with conjectures concerning petrification in general - <i>Gilks</i>	XI 1 352	VIII 707
— An extract of a philosophical account of a new opinion concerning the origin of petrifications found in the earth, which has hitherto been ascribed to the universal deluge, by Sig. Antonio Lazzaro Moro - <i>Zollman</i>	XLIV 163	X 615
— A letter concerning the petrification of Lough-Neagh in Ireland, to which is annexed a letter from Dr. Berkley, Bishop of Cloyne, to Thomas Prior, Esq. - <i>Simon</i>	— 305	— 616
— Letter concerning a non descript petrified insect - <i>Lyttelton</i>	XLVI 598	— 656
— A description of a petrified stratum, formed from the waters of Matlock in Derbyshire - <i>Dobson</i>	LXIV 124	
— Account of a petrification found on the coast of East Lothian - <i>King</i>	LXIX 35	
PETT. An account of Grace Pett, at Ipswich, whose body was consumed to a coal - <i>Rolli</i>	XLIII 447	XI 1068
PEWTER MONEY. Letter concerning pewter money coined in Ireland, by the late King James - <i>Thoresby</i>	XXIV 1875	V 2 31
PHÆNOMENA. Letters concerning the cause of the ascent of vapour and exhalation, and those of winds, and of the general phænomena of the weather and barometer - <i>Eeles</i>	XLIX 124	
PHEASANT. Letter concerning the pheasant of Pennsylvania - <i>Edwards</i>	XLVIII 499	
— An account of a bird, supposed to have been bred between a turkey and a pheasant - <i>Edwards</i>	LI 833	

	Transf.	Abridg.
— A description of a beautiful Chinese pheasant <i>Edwards</i>	LV 88	
— An account of an extraordinary pheasant <i>John Hunter</i>	LXX 527	
PHILIPPINE ISLANDS. An account of the animals in the Philippine Islands - <i>Camelli</i>	XXIII 1065	V 183
Observations on the birds of the Philippine Islands - <i>Camelli</i>	— 1394	— —
— A description of some corals, and other curious submarines, lately sent from the Philippine Isles, by G. J. Camelli - <i>Petiver</i>	— 1419	[V. 2 286
— An account of the quadrupeds in the Philippine Islands - <i>Camelli</i>	XXV 2197	
— Account of some monsters and serpents there <i>Camelli</i>	— 2266	V 183
— An account of the shells, minerals, and fossils there - <i>Camelli</i>	— 2397	V 2 185 — 189
— An extract of two letters concerning the dis- covery of the New Philippine islands, with a map of the same - <i>Missionary Jesuits</i>	XXVI 189	
PHILISTIS. Some observations on an inedited Greek coin of Philistis, Queen of Syracuse, Malta, and Gozo, who had been passed over in silence by all antient writers - <i>Swinton</i>	LX 80	
PHILOSOPHY. Particulars of a philosophical treatise <i>Hevelius</i>	V 2023	I 304
— An intimation of divers philosophical particulars now undertaken and considered by several in- genious and learned men, here inserted to ex- cite others to join with them in the same or like attempts and observations <i>Anon.</i>	VI 2216	II 2
— Some reflections on the Transactions of April, 1675, sent to the publisher out of the country	X 305	
— Considerations upon N ^o 133. of these tracts <i>Anon.</i>	XII 890	
— Some philosophical experiments <i>Southwell</i>	XX 363	I 214
PHOCA. Some account of the phoca, vitulus ma- rinus, or sea calf, shewed in London, in 1743 <i>Parsons</i>	XLII 383	IX 74
— A dissertation upon the class of phocæ ma- rinæ - <i>Parsons</i>	XLVII 109	
PHOENICIAN. Some remarks upon the first part of M. l'Abbé Barthelemy's memoir on the Phœ- nician letters, relative to the inscription in the island of Malta - <i>Swinton</i>	LIV 119	
— Farther remarks upon M. l'Abbé Barthelemy's memoir on the Phœnician letters, containing		

	Transf.	Abridg.
his reflections on certain Phœnician monuments, and the alphabets resulting from them - - - <i>Swinton</i>	LIV 393	
— An attempt to interpret the legend and inscription of a very curious Phœnician medal never hitherto explained - - <i>Swinton</i>	LVII 266	
PHOENICIA. Observations on five antient Persian coins, struck in Palestine or Phœnicia, before the dissolution of the Persian empire <i>Swinton</i>	LXI 345	
PHOENICOPTERUS. The natural history and description of the phœnicopterus or flamingo, with two views of the head, and three of the tongue - - <i>Douglas</i>	XXIX 523	V 63
PHOLAS CONOIDES. An account of the pholas conoides - - <i>Parsons</i>	LV 1	
PHOSPHORUS. An account of making phosphorus, deposited with the Secretaries of the Royal Society, Oct. 14, 1680, and opened since his death - - <i>Boyle</i>	XVII 583	III 346
— Experiments on the production and propagation of the light from the phosphorus in vacuo <i>Hauksbee</i>	XXIV 1865	IV 2 181
— Several experiments on the mercurial phosphorus <i>Hauksbee</i>	— 2129	— 180
— A letter concerning firing phosphorus by electricity - - <i>Miles</i>	XLIII 290	X 272
— An easy method of making phosphorus, that will imbibe and emit light, like the Bolognian stone; with experiments and observations <i>Canton</i>	LVIII 337	
— A letter on his new phosphorus receiving several colours, and only emitting the same <i>Beccaria</i>	LXI 212	
PHRENSY. An account of the cure of an inveterate phrensy by the transfusion of blood, at Paris <i>Denis</i>	II 617	III 291
PHYSIC. See <i>medicine</i>		
PHYSICS. (Natural philosophy) Dr. Wallis's opinion concerning the hypothesis physica nova of Dr. Leibnitzius - - <i>Wallis</i>	VI 2227	
— A letter in which the laws of attraction and other principles of physics are shewn <i>Keill</i>	XXVI 97	VI 353
— Astronomical, physical and meteorological observations in 1733 at Wirtemberg <i>Weidler</i>	XXXIX 238	VIII 178
— A short account of some new astronomical and physical observations made in Asia <i>Porter</i>	XLIX 251	— 550

	Transf.	Abridg.
PHYSICS. Physical and meteorological observations, conjectures, and suppositions <i>Franklin</i>	LV 182	
— An essay on pyrometry and areometry, and on physical measures in general - <i>De Luc</i>	LXVIII 419	
PHYSIOGNOMY. Discourse of physiognomy <i>Gwithers</i>	XVIII 118	III 8
PICTURE. An experiment of a way of preparing a liquor that shall sink into, and colour, the whole body of marble, causing a picture drawn on a surface, to appear also in the inmost parts of the stone - <i>Kircher and Bird</i>	I 125	I 192 — 603
— A contrivance to make the picture of any thing appear on a wall, cup-board, or within a picture frame, &c. in the midst of a light room <i>Hook</i>	III 741	— 206
— Extracts of two letters from Rome, concerning some antient statues, pictures and other curiosities found in a subterraneous town, lately discovered near Naples - <i>Paderni</i>	XLI 484	IX 440
Extract of another letter on the same subject <i>Knapton</i>	— 489	— 442
Extract of another letter on the same subject <i>Crispi</i>	— 493	— 5
— Extract of a letter giving a short account of some principal antique pictures, found in the ruins of Herculaneum, at Portici, Naples <i>Hoare</i>	XLIV 567	XI 1305
— Remarks on the principal paintings found in the subterraneous city of Herculaneum <i>Blandeau</i>	XLVI 14	— 1307
— See <i>Herculaneum</i>		
FIG. The anatomy of a monstrous pig <i>Anou.</i>	XIII 188	II 904
— A relation of two monstrous pigs, with the resemblance of human faces - <i>Floyer</i>	XXI 431	— 900
PIGEONS. Account of a pond in Somersetshire, to which pigeons resort, but cattle will not drink at it - <i>Beale</i>	I 323	— 332
Further account of the (pond) vitriolate waters, with some particulars touching water <i>Anon.</i>	— 359	— 332
PIKES. Observations of a large bed of glands, observed in the stomach of a pike - <i>Musgrave</i>	XIV 699	III 93
PILE ENGINE. A new theory of the pile engine <i>Bugge</i>	LXIX 120	
PILOTAGE. A recommendation of Hadley's quadrant for surveying, especially the surveying of harbours, together with a particular application of		

	Transf.	Abridg.
it to some cases of pilotage - <i>Michell</i>	LV 70	
PIMIENTA. A description of the pimienta, or the Jamaica pepper tree - <i>Sloane</i>	XVII 462	II 663
PIN. Letter concerning a pin, found in the gizzard of a fowl - <i>Regnart</i>	XXIV 2055	V 53
— Of an iniquinal rupture, with a pin in the appendix cæci incruited with stone - <i>Amyand</i>	XXXIX 329	IX 153
— An extraordinary case of three pins swallowed by a girl, and discharged at her shoulder - <i>Lysons</i>	LIX 9	
PINE APPLES. On the culture of pine apples - <i>Bastard</i>	LXVII 649	
PINIONS. Account of advantages of a newly invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers and wheel and pinion - <i>Le Cerf</i>	LXVIII 950	
PIPES. An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermixed air; with a description of a new machine, whereby pipes may be cleared of air, as the water runs along, without stand-pipes, or the help of any hand - <i>Desaguliers</i>	XXXIV 77	VI 347
— A proposal for warming rooms by the steam of boiling water conveyed in pipes along the walls - <i>Cook</i>	XLIII 370	XI 1391
— Short and easy methods of finding the quantity and weight of water contained in a full pipe of any given height and diameter of bore, and consequently to find what degree of power would be required to work a common pump, or any other hydraulic engine, when the diameter of the pump-bore, and the height to which the water is to be raised, are given - <i>Ferguson</i>	LV 61	
PITCH. An account of the making pitch, tar, and oil out of a blackish stone in Shropshire - <i>Ele</i>	XIX 544	
— The way of making pitch, tar, rosin, and turpentine near Marfeilles - <i>Bent</i>	XX 291	
PITH. Instances shewing the correspondence of the pith and timber with the seed of the plant; as also of the bark or sap in the bark with the pulp of the fruit, or some encompassing coat or cod containing the seed - <i>Beal</i>	IV 919	II 710
PITKEATHLY. An account of the sulphureous mineral waters of Castle Lead, and Fairburn, in the		

	Transl.	Abridg.
county of Ross and of the salt purging water of Pitkeathly, in the county of Perth, in Scotland <i>Monro</i>	LXII 15	
PLACENTA. Account of a placenta cotyledoniformis <i>Hartmann</i>	XX 66	III 208
PLETORIAN. See <i>coin</i>		
PLAGUE. An abridgment of a book intitled, A description of the plague, which happened in Dantzick in 1709 <i>Gottwald</i>	XXVIII 101	
— Remarks upon the plague at Copenhagen in 1711 <i>Chamberlayn</i>	— 279	V 381
— An account of the plague at Constantinople <i>Timon</i>	XXXI 14	VII 668
— An account of some experiments made with the bile of persons dead of the plague at Marfeilles, with what appeared upon the dissection of the bodies; as likewise some experiments made with the bile of persons dead of other diseases <i>Deiulier</i>	XXXII 20	
— Part of a letter concerning a new experiment made with the blood of a person dead of the plague <i>Couzier</i>	— 103	VII 601
— Extract of a letter concerning an experiment made with the bile of persons dead of the plague <i>Deidier</i>	— 105	— 600
— Extracts of several letters concerning the plague at Constantinople <i>Mackenise</i>	XLVII 3 ^d 4	
— Farther account of the late plague at Constantinople <i>Mackenise</i>	— 514	
— Answer to queries sent to Constantinople concerning the plague <i>Porter</i>	XLIX 96	
— An account of the plague at Aleppo <i>Darwes</i>	LIII 9	
— An account of the plague at Constantinople <i>Mackenise</i>	LIV 69	
PLANE. A new invention of a clock a cendant on a plane inclined <i>De Gemas</i>	XII 1006	I 468
— An account of an experiment touching the direction of a drop of the oil of oranges, between two glass planes, towards any side of them that is nearest pressed together <i>Hauksbee</i>	XXVII 395	IV 2 182
— An account of an experiment concerning the angle required to suspend a drop of oil of oranges, at certain stations, between two glass planes, placed in the form of a wedge <i>Hauksbee</i>	— 473	— —
— An account of an experiment touching the proportion of the ascent of spirit of wine between		

	Transl.	Abridg.
two glass planes, whose surfaces are placed at certain different distances from each other <i>Hauksbee</i>	XXVIII 151	IV 2 183
An account of some further experiments <i>Hauksbee</i>	— 153	— - —
Far her account - <i>Hauksbee</i>	— 155	— - —
PLANE. A general method of describing curves, by the intersection of right lines, moving about points in a given plane <i>Braikenridge</i>	XXXIX 25	VIII 58
— A proposition relating to the contraction of transparent lenses with reflecting planes <i>Hadley</i>	— 185	— 111
— A general investigation of the nature of the curve, formed by the shadow of a prolate spheroid upon a plane standing at right angles to the axis of the shadow - <i>Witchell</i>	LVII 28	
A way for taking the diameters of planets <i>Auzout</i>	I 373	I 217
— A letter touching the invention of dividing a foot into many thousand parts for mathematic purposes - <i>Townley</i>	II 457	— 218
More ways for the same purpose <i>Hook</i>	— 459	— 220
A description of the instrument for dividing a foot into many thousand parts, and thereby measuring the diameter of planets to great exactness <i>Hook</i>	— 541	— 219
— Considerations concerning the geometrick and direct method of Signor Cassini for finding the apogees, eccentricities, and anomalies of the planets - <i>Mercator</i>	V 1168	— 253
— Letter concerning the appulses of the moon for 1673, and the other planets to fixed stars, together with an observation of the planet Mars - <i>Flemstead</i>	VII 5118	
— The appulses of the moon and other planets to fixed stars, predicted for 1674 <i>Flemstead</i>	VII 6162	III 149
— A direct and geometrical method by which the aphelia, eccentricities, and proportion of the orbs of the primary planets may be found, without supposing the equality of the angle of motion at the other focus of the planet's ellipsis - <i>Halley</i>	XI 683	I 258
— An astronomical dissertation of the visible conjunction of the inferior planets with the sun <i>Huile</i>	XVII 511	— 427
— The curve assigned by Cassini to planets as their orbits, considered and rejected <i>Gregory</i>	XXIV 1704	IV 206

	Transf.	Abridg.
PLANETS. On the method of determining the places of the planets by observing their near appulses to the fixed stars - <i>Halley</i>	XXXI 209	VI 170
— An inquiry concerning the figure of such planets as revolve about an axis, supposing the density continually to vary from the centre towards the surface - <i>Clairaut</i>	XL 277	VIII 90
— A new and peculiar method of calculating eclipses of the earth, and of any appulses of the moon to planets and fixed stars <i>Gersten</i>	XLIII 22	X 55
— Letter concerning the contraction of the orbits of the planets - <i>Euler</i>	XLVI 356	— 142
— A treatise on the precession of the equinoxes, and, in general, on the motion of the nodes, and the alteration of the inclination of the orbit of a planet to the ecliptic - <i>Silvabell</i>	XLVIII 385	
— Of the irregularities in the planetary motions, caused by the mutual attraction of the planets <i>Walmsley</i>	LII 275	
— See <i>particular Planets in their Places</i>		
PLANTS. An experiment on aloe Americana serratifolia weighed; seeming to import a circulation of the sap in plants - <i>Merrel</i>	II 455	II 645
— Observations concerning quicksilver found at the root of plants - <i>Sep'taliu</i>	II 493	II 425
— An account of some rare plants in the Bermudas <i>Stafford</i>	III 792	III 561
— Instances shewing the correspondence of the pith and timber, with the seeds of the plant; as also of the bark, with the pulp of the fruit, or some encompassing coat or cod containing the seed - - - <i>Beal</i>	IV 9:9	— 710 — 655 — 687
— Some communications on the descent of sap <i>Reed</i>	VI 2128	— 690
Some considerations on Mr. Reed's letter, shewing in what sense the sap may be said to descend and to circulate in plants, and the graft to communicate with the stock <i>Beal</i>	— 2144	— 653 — 655 — 690
— An ingenious account of veins by him observed in plants, analogous to human veins <i>Lifter</i>	— 3052	— 691
— A further account concerning the existence of veins in all kind of plants; together with a discovery of the membranous substance of those veins, and of some acts in plants resembling those of sense; and also of the agreement of		

	Transl.	Abridg.
the venal juice in vegetables with the blood of animals, &c. - <i>Lifter</i>	VII 5131	II 693
A note upon M. Lifter's observations concerning the veins of plants - <i>Wallis</i>	VIII 6060	— 696
Letter taking notice of the foregoing intimations - <i>Lifter</i>	— —	— —
PLANTS. A way of making all sorts of plants, trees, fruits, and legums, grow to an extraordinary bigness - <i>Alon.</i>	X 356	— 749
— Microscopical observations about the texture of the blood, sap of plants, &c. <i>Leeuwenhoek</i>	— 380	III 683
— Two letters concerning the rock plants, and their growth - <i>Braumon</i>	XI 724	II 497 — 519
— Observations on some animals, and of a strange plant made in a voyage into the kingdom of Congo, <i>M. Ang de Guattini and Dyonisius of Placenza</i>	XII 977	
— A discourse concerning the effects of the great frost on trees and plants in 1683, drawn from the answer to some queries sent into divers countries, by R. Plott, and from several observations made at Oxford - <i>J. Bobart</i>	XIV 766	— 155
— An account of two plants lately brought from the Cape of Good Hope - <i>Sloane</i>	XVII 664	— 672
— Letters concerning the seeds of plants, with observations on the manner of the propagation of plants and animals - <i>Leeuwenhoek</i>	— 700	III 685
— Letter concerning the seeds of plants <i>Josephus de Aromatariis</i>	XVIII 150	
— An account of the lately invented stove for preserving plants in the green house in winter <i>Cullum</i>	— 191	II 750
— A catalogue of plants growing within the fortifications of Tangier, in 1673 <i>Spottiswood</i>	XIX 239	II 752
— Part of two letters concerning several plants, that may be usefully cultivated for producing grafts or hay <i>Lifter</i>	— 412	I 748
— A catalogue of some Guinea plants, with their native names and virtues sent to James Petiver, and remarks on them by <i>Petiver</i>	— 677	II 752
— An account of some Indian plants, with their names, descriptions, and virtues <i>Petiver</i>	XX 313	II 725
— Remarks on some animals, plants, &c. sent from Maryland <i>Petiver</i>	— 393	— 253
— Some observations concerning some wonderful		

	Transf.	Abridg.
contrivances of nature, in a family of plants in Jamaica, to perfect the individuum, and propagate the species with several influence analogous to them in European vegetables		II 669
<i>Sloan</i>	XXI 113	— 749
PLANTS. An account of part of a collection of curious plants and drugs, lately given to the Royal Society by the East India Company	<i>Sloan</i> XXII 579	— 762
First book of E. India plants, with their names, virtues, and descriptions, by S. Brown, with some remarks, by <i>J. Petiver</i>	— 581	—
Second book, with remarks, by <i>J. Petiver</i>	— 699	— 752
Third book, with remarks, by <i>J. Petiver</i>	— 843	IV 2 323
		— 183
Fourth book, with remarks, by <i>J. Petiver</i>	— 932	—
Fifth book, with remarks, by <i>J. Petiver</i>	— 1 07	— 333
Sixth book, with remarks, by <i>J. Petiver</i>	XXI 1 105	—
Seventh book, with remarks, by <i>J. Petiver</i>	— 1251	— 326
The eighth book, with remarks, by <i>J. Petiver</i>	— 1450	—
— An account of some stones and plants lately found in Scotland	<i>Sibbald</i> XXII 693	—
— An account of some plants collected at Chusan, in China, by James Cunningham	<i>Petiver</i> XXIII 1419	— 286
— New observations on the parts and the use of the flower in plants	<i>Morland</i> — 1474	— 325
Part 2	<i>Camelli</i> XXIV 1707	— 325
Part 3	<i>Camelli</i> — 1763	—
Part 4	<i>Camelli</i> — 1809	—
— Account of the plants sent from the Philippines to James Petiver	<i>Camelli</i> — 1816	—
— Letter concerning some remarkable plants and insects observed in Spain	<i>Breynius</i> — 2045	V 10
— Microscopical observations on the seeds of several East Indian plants	<i>Leeuwenhoek</i> XXV 2205	V 2 267
— An account of divers rare plants, lately observed in several curious gardens about London, and particularly in the Apothecaries Physic Garden at Chelsea	<i>Petiver</i> XXVII 375	IV 2 325
— Some farther account of divers rare plants, lately observed in several curious gardens about London and at Chelsea	<i>Petiver</i> — 416	—
— An extract of a letter giving an account of some uncommon plants growing about Penfance and St. Ives, in Cornwall	<i>Lhuys</i> — 527	—
— An account of divers rare plants, observed last summer in several curious gardens, particularly at Chelsea	<i>Petiver</i> XXVIII 33	—
		— An

	Transf.	Abridg.
PLANTS. An account of divers rare plants observed 1713, in several curious gardens about London, and particularly the Society of Apothecaries Physic Garden at Chelsea - <i>Petiver</i>	XXVIII 177	IV 2 325
— An extract of a letter containing some remarks of an undescribed plant, and some particulars observed in Wales, by - <i>Lhuys</i>	— 275	V 2 122
— An account of divers rare plants observed in 1714, in several gardens about London, and particularly the Apothecaries Physic Garden, at Chelsea - <i>Petiver</i>	XXIX 229 — 269 — 353	IV 2 325 — - —
— A new genus of plants, called <i>Araliastrum</i> , of which the famous nin-zin or gin-feng of the Chinese, is a species - <i>Vaillant</i>	XXX 705	— - 319
— A discourse concerning a method of discovering the virtues of plants by their external structure <i>Blair</i>	XXXI 30	VI 2 362
— Observations upon the seeds of plants <i>Leuwenhoek</i>	— 200	— - 334
— Observations upon the generation of plants <i>Blair</i>	— 216	— - 345
— Observations on some plants in New England, with remarkable instances of the nature and power of vegetation - <i>Dudley</i>	XXXIII 194	— - 342
— Memoirs containing a description of a new family of plants called <i>Oxyoides</i> - <i>Garcin</i>	XXXVI 377	— - 357
— Some remarks on the family of plants called Mufa - <i>Garcin</i>	— —	— - 360
— A botanical invitation to forward an history of the plants in Swisserland <i>Scheuchzer</i>	XXXVII 219	— - 380
— The settling of a new genus of plants, called after the Maleyans, <i>Mangostans</i> <i>Garcin</i>	XXXVIII 232	VIII 755
— Some experiments concerning the impregnation of the seeds of plants - <i>Logan</i>	XXXIX 192	— 804
— Botanical observations, giving more accurate descriptions of certain plants <i>Mcbride</i>	XLI 211	— 760
— The discovery of a perfect plant in Semine <i>Baker</i>	— 448	— 806
— A catalogue of plants observed in a journey over the Tyrol Alps - <i>Ehrhart</i>	— 547	— 768
— A letter concerning the wonderful encrease of the seed of plants, <i>e. g.</i> of the upright mallow <i>Hobson</i>	XLII 320	— 824
— The substance of some experiments of planting seeds in moss - <i>Bonne</i>	XLV 156	X 795
— An account of the Bishop of London's Garden		

	Transf.	Abridg.
at Fulham, with a catalogue of the exotic trees remaining in it, June 25, 1751		
<i>W. Watson</i>	XLVII 241	
PLANTS. An account of Aphyllon and Dentaria hep- taphylos of Clusius, omitted by Mr. Ray		
<i>W. Watson</i>	— 428	
— An account of some of the more rare Eng- lish plants observed in Leicestershire		
<i>Pultney</i>	XLIX 803	
— Some observations upon the sleep of plants; with an account of that faculty, which Linnæus calls <i>Vigilia Florum</i> , with an enumeration of several plants which are subject to that law		
<i>Pultney</i>	L 506	
— An account of a species of ophris, supposed to be the plant mentioned by Gronovius, in the <i>Flora Virginia</i> , p. 185		
<i>Ehret</i>	LIII 81	
— An account of a new Peruvian plant, lately introduced into the English gardens; the several characters of which differ from all the genera hitherto described		
<i>Ehret</i>	— 130	
— A letter on the sexes of plants, and impregnation of vegetables		
<i>Sty es</i>	LV 258	
— A letter on the success of his experiments for preserving acorns for a whole year without planting them, so as to be in a state fit for vegetation, with a view to bring over some of the most valuable seeds from the East-Indies, to plant for the benefit of our American Colo- nies		
<i>Ellis</i>	LVIII 75	
— A letter on a rare plant found in the Isle of Skye, supposed to be the <i>Eriocaulon decangu- lare</i>		
<i>Hope</i>	LIX 241	
— A description and figure of the <i>nyctanthus elon- gata</i> , a new Indian plant		
<i>Bergius</i>	LXI 289	
— A letter on the effects of elder in preserving growing plants from insects and flies		
<i>Gullet</i>	LXII 348	
— A letter concerning the medicinal effects of a poisonous plant exhibited instead of the water- parsnip		
<i>Pultene</i>	— 469	
— An account of three journeys from the Cape Town, in the southern parts of Africa, under- taken for the discovery of new plants, towards the improvement of the Royal Botanical Gar- dens at Kew		
<i>Mason</i>	LXVI 268	

	Transf.	Abridg.
— A catalogue of fifty plants, lately presented to the Royal Society, by the company of Apothecaries of London; pursuant to the direction of Sir Hans Sloane, Bart. President of the College of Physicians, and Vice President of the Royal Society, from 1722 to 1773, XXXII 276, XXXIII 93, 325, XXXIV 125, XXXV 293, XXXVI 1, 219, XXXVII 1, 223, XXXVIII 1, 199, XXXIX 1, 173, XL 1, 123, XLI 1, 291, 406, XLII 620, XLIII 75, 189, 421, XLIV 213, 597, XLVI 43, 331, 403, XLVII 166, XLVIII 110, 528, XLIX 28, 607, L 236, 643, LI 96, 644, LII 85, 491, LIII 32, LIV 137, LV 91, LVI 250, LVII 470, LVIII 227, LIX 384, LX 541, LXI 390, LXII 30, LXIV 302		
PLANTS (Chymistry.) A way of extracting volatile salt and spirit out of vegetables <i>Con.</i>	IX 4	III 333
— A confirmation of the assertion, that alkali- zate or fixed salt, extracted out of the ashes of vegetables, do not differ from each other <i>Con.</i>	— 150	— —
A continuation of the discourse on the identity of all volatile salts and vinous spirits, with two experiments concerning vegetable salts, perfectly resembling the shape of the plants whence they had been obtained <i>Con.</i>	— 169	— —
— Observations on the class of sweet tastes, made by comparing the tastes of sweet plants with Mr. L'Emery's chymical analysis of them in his treatise of drugs <i>Feyer.</i>	XXIII 1160	V 406
PLANTS. (Fossil) A description of certain stone figured like plants, and by some observing men esteemed to be plants petrified <i>Litter.</i>	VIII 6181	II 493
— An account of the impressions of plants on the flates of coals <i>Da Cst.</i>	L 228	
PLATINA. Several papers concerning a new metal, called platina <i>William Warr.</i>	XLVI 584	X 671
— Experimental examination of a white metallic substance, said to be found in the gold mine of the Spanish West-Indies, and there known by the appellation of Platina, Platinadi Pinto Juan Blanca. Paper 1, 2, 3, 4 <i>Lew.</i>	XLVIII 63	
Paper 5 " " " <i>Lew.</i>	L 148	
Paper 6 " " " <i>Lew.</i>	— 156	
— Experiments on Platina <i>Ingenhousz</i>	LXV 257	

	Transf.	Abridg.
PLEIADES. Observations of the moon's passage over the Pleiades in 1767 - <i>M. Messier</i>	LIX 454	
PLICA POLONICA. An extraordinary case <i>Vater</i>	XXXVII 50	VII 495
— A letter concerning a plica Polonica mentioned vol. xxxvii, 50 - <i>Klein</i>	— 427	— —
— A letter concerning a plica Polonica <i>Ames</i>	XLIV 556	XI 950
PLINY. Note of Pliny about the bleeding of the mulberry tree - <i>H. Lister</i>	V 2069	
— Amendments and notes upon three places in the common text of Pliny's Natural History falsely edited - <i>Halley</i>	XVII 535	
— A remark on F. Hardouin's amendment of a passage in Pliny, lib. II. sec. 74 - <i>Folkes</i>	XLIV 365	XI 1378
PLUMB-STONE. Account of a ball, extracted from a person, who had suffered by it 30 years, in which was a plumb-stone - <i>Young</i>	XXIII 1279	V 261
Some instances of other persons who were hurt by swallowing plumb-stones - <i>Sloane</i>	— 1283	— 264
— An account of what was observed upon opening the corpse of a person who had taken several ounces of crude mercury internally; and of a plumb-stone lodged in the coats of the rectum - <i>Madden</i>	XXXIX 291	IX 152
PNEUMATICS. New pneumatical experiments about respiration - <i>Boyle</i>	V 2011	II 215
— ENGINE. Vide <i>air-pump</i> -		
POESTUM. Vide <i>Coin</i>		
POINTS. Concerning the proportion of mathematical points to each other - <i>Robartes</i>	XXVII 470	IV 1
POISON. A relation of an inland sea, near Dantzick, yeilding at a certain season of the year, a green substance, which causeth certain death <i>Kirby</i>	VII 4069	II 491
— Account of a poisonous fish in one of the Bahama Islands - <i>J. Locke</i>	X 312	— 842
— A discourse of the viper, and some other poisons, wrote by Sir Theodore Mayerne, after discoursing with Mr. Pontæus - <i>Mayerne</i>	XVIII 162	— 645 — 814
— Two observations, the one concerning the effects of a poisonous root, the other concerning the virtues of the leaves of hemlock <i>Ray</i>	XIX 634	— 640
— An account of the poisonous qualities of hemlock-water-drop-wort - <i>Ray</i>	XX 84	— 641
— An abstract of Dr. Mead's mechanical account of poisons - <i>Marland</i>	XXIII 1320	

	Transf.	Abridg.
— Experiments and observations of the effects of several sorts of poisons upon animals, made at Montpellier, in 1678 and 1679 <i>Courten</i>	XXVII 485	
— An account of the poison wood tree in New England - - <i>Dudley</i>	XXXI 145	VI 2 307
— A farther account of the same tree <i>Sherrard</i>	— 147	— - 308
— An account of some experiments on the effects of the poison of the rattle-snake <i>Hall</i>	XXXV 309	VII 412
— An anatomy of the poisonous apparatus of the rattle snake, with an account of the quick effect of its poison - - <i>Ranby</i>	— 377	— 416
— A letter, giving an account of two women being poisoned by the simple distilled water of laurel leaves, and of several experiments upon dogs; by which it appears that this laurel water is the most dangerous poison hitherto known <i>Madden</i>	XXXVII 85	VI 2 374
— Some experiments concerning the poisonous quality of the simple distilled water from the lauro-cerasus, or common laurel, made upon dogs at Topping's Hall, Essex, 1731, and others made before the Royal Society in their Repository - - <i>Mortimer</i>	— 163	— - -
— The case of a man who was poisoned by eating monk's-hood, or napellus - <i>Bacon</i>	XXXVIII 287	VIII 842
— Letter concerning the poison of henbane roots <i>Patouillat</i>	XL 446	— 841
— Letter on the poison of laurel water <i>Rutty</i>	XLI 63	— 844
— Account of an antidote to the Indian poison in the West-Indies - <i>Mitward</i>	XLII 2	IX 335
— An account of some persons poisoned by eating boiled hemlock - - <i>W. Watson</i>	XLIII 18	X 763
— Farther remarks concerning mushrooms, occasioned by the Rev. Mr. Pickering's paper, with observations on the poisonous quality of some sort of fungi - <i>W. Watson</i>	— 51	— 790
— A letter concerning the Indian poison sent over from M. Condamine - <i>Brocklesby</i>	XLIV 408	— 1224
— An account of the poisonous root lately found among the Gentian - <i>Brocklesby</i>	XLV 240	— 772
— Experiments made on a great number of living animals, with the poison of Lamas, and of Tineas - <i>Herissant</i>	XLVII 75	
— A farther account of the poisonous effects of the cœnanthe aquatica succo viroso crocante of Lobel or hemlock drop-wort - <i>W. Watson</i>	L 856	

— An

	Transf.	Abridg.
— An extract of an essay, entitled, On the Uses of a Knowledge of Mineral Exhalations, when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Averni <i>Brownrigg</i>	LV 236	
— An account of some poisonous fish in the South Seas - - - <i>Anderson</i>	LXVI 544	
— An account of the American poison called Ticunas - - - <i>Fontana</i>	LXX 163	
POLAND. A relation concerning the sal-gemme-mines in, - - - <i>Anon.</i>	V 1099	II 524
POLARITY. A paper about magnetism, concerning the changing and fixing the polarity of a piece of iron - - - <i>J. C.</i>	XVIII 257	— 603
— Extract of a letter on giving magnetism and polarity to brass - - - <i>Ardern</i>	L 774	
POLE. Letter concerning some supposed alteration of the meridian line, which may affect the declination of the magnetic needle and the pole's elevation - - - <i>Wallis</i>	XXI 285	I 265
— Observations on the elevation of the pole at Lisbon - - - <i>Carbone</i>	XXXIV 92	
— Observations on the meridian height of the sun, to investigate the elevation of the pole at Lisbon - - - <i>Carbone</i>	— 95	
— A proposal to make the poles of a globe of the heavens move in a circle round the poles of the ecliptic - - - <i>Latham</i>	XL 201	VIII 217
— A contrivance to make the poles of the diurnal motion in a celestial globe pass round the poles of the ecliptic - - - <i>Senex</i>	— 203	— —
POLE STAR. Letter concerning the drawing the meridian line by the pole star, and finding the hour by the same - - - <i>Gray</i>	XXII 815	IV 462
POLYGONS. Theorems for making the solution of them as easy as that of triangles by common trigonometry - - - <i>Lexel</i>	LXV 281	
— Theorems concerning polygons, inscribing or circumscribing the circle, having the greatest or least area, or greatest or least perimeter <i>Horsley</i>	— 301	
POLYNOMIUM. A demonstration of the binomial theorem of Sir Isaac Newton <i>Castillioneus</i>	XLII 91	VIII 10
POLYPODIUM. Observations on the seed vessels and seeds of polypodium - - - <i>Leuwenthoek</i>	XXIV 1868	V 2 267
POLYPUS (Disease) An account of a polypus found in		

	Transl.	Abridg.
the heart of a person who died epileptical		
— The original of a polypus	<i>Gould</i> XIV 537	III 70
— Observation about the polypus of the lungs, with Dr. Lister's opinion of this observation	<i>Giles</i> XIX 472	— 58
— An account of a polypus taken out of the vena pulmonaris, and of the structure of that vessel	<i>Clarke</i> — 779	— 68
— Letter concerning a polypus found in a dog	<i>Cowper</i> XXII 797	V 221
— An account of a polypus coughed up by the wind-pipe	<i>Musgrave</i> — 690	III 85
— A letter giving an account of a polypus, resembling a branch of the pulmonary vein coughed up by an asthmatic person	<i>Samber</i> XXXIV 262	VII 503
— A letter concerning polypi taken out of the hearts of several sailors, just arrived at Plymouth from the West Indies	<i>Nicholls</i> XXXVII 123	— 504
POLYPUS. (Animal) Extract of a letter concerning a water insect, which, being cut into several pieces, becomes so many perfect animals	<i>Huxham</i> XLII 123	IX 135
Part of a letter from — of Cambridge, occasioned by what has been reported of the above insect	<i>Granovius</i> — 218	IX 17
— Several papers relating to the fresh water polypus	<i>Anon.</i> — 227	— 19
	<i>Bentick</i> XLII ii	— 22
	<i>Trembley</i> — iii	— 23
	<i>Reaumur</i> — xii	— 26
<i>These pages come between page 280 and 299</i>		
— Another account	<i>Folkes</i> — 422	VIII 29
— A further account of the polypus	<i>Duke of Richmond</i> — 510	IX 35
— Observations upon several species of small water insects of the polypus kind	<i>Trembley</i> XLIV 627	
— An account of some remarkable insects of the polype kind, found in the waters near Brussels in Flanders	<i>Brady</i> XLIX 248	
— Some observations on a polype dried	<i>Baker</i> — 616	— 36
— Observation upon several newly discovered species of fresh water polypes	<i>Trembley</i> XLIII 169	
— Extract of a letter giving an account of coral, and that it is a mass of animals of the polype kind	<i>Trembley</i> L 59	
— Observation on corallines, and the polypus, and other sea animals living on them	<i>Baister</i> — 258	

Remarks

	Transf.	Abridg.
Remarks on the above observations <i>Ellis</i>	L 280	
— See <i>coral</i>		
POMERANIA. See <i>Thunder</i>		
POMPEY'S PILLAR. New observations on what is called Pompey's Pillar, in Egypt <i>Montagu</i>	LVII 438	
POND. Account of a pond in Somersetshire to which pigeons resort, but cattle will not drink at it <i>Beale</i>	I 323	II 332
Further account of the (pond) vitriolate water, with some particulars touching waters <i>Beale</i>	— 359	— —
— An attempt to account for the rising and falling of the water of some ponds near the sea, or ebbing or flowing rivers, where the water is lowest in the pond, at the time of high water in the sea or river, and the water is the highest in the pond, at the time of low water in the sea or river; as also for the increasing or decreasing of the water of such pools or brooks as are highest in the dry seasons, and lowest in the rainy seasons; with an experiment to illustrate the solution of the phenomena <i>Desaguliers</i>	XXXIII 132	VI 2 165
POPLAR. Observations on the black poplar <i>Willoughby</i>	V 1201	
POPULATION. An extract of two essays in political arithmetick, concerning the comparative magnitudes of London and Paris <i>Petty</i>	XVI 152	
A further assertion of the propositions and vindication from the objections of some learned persons of the French nation <i>Petty</i>	— 237	
— An account of the number of people in the counties of Ardmagh, Lowth, and Meath, and the city of Dublin; with an estimate of the number of people in the kingdom of Ireland, 1695-6 <i>South</i>	XXII 520	III 667
— An account of the Romish clergy in Ireland according to the return made 1698 <i>South</i>	— 521	
— The number of people in the city of Bristol calculated from the burials for ten years successively, and also from the number of houses <i>Browning</i>	XLVIII 217	
— A letter concerning the number of inhabitants within the London bills of mortality <i>Brakenridge</i>	— 788	
— Answer to some queries respecting the population of Constantinople <i>Potter</i>	XLIX 100	
— A letter concerning the number of people in England <i>Brakenridge</i>	— 268	

	Transl.	Abridg.
— A letter concerning the present increase of the people in Britain and Ireland <i>Brakenridge</i>	XLIX 877	
— An extract of the register of the parish of G ear Shefford, in Berkthire, for ten years; with observations on the same <i>Forster</i>	L 356	
— Letter concerning the number of people in England <i>Forster</i>	— 457	
— An answer to the account of the numbers and increase of the people of England <i>Brakenridge</i>	L 465	
— Of the increase and mortality of the inhabitants in the island of Madeira <i>Thomas Heberden</i>	LVII 461	
— Observations on the expectations of lives, the increase of mankind, the influence of great towns on population, and particularly the state of London with respect to healthfulness and number of inhabitants <i>Price</i>	LIX 89	
— Extract of a letter concerning the increase of population in Anglesey <i>Panton</i>	LXIII 180	
— Observations on the state of population in Manchester, and other adjacent places <i>Percival</i>	LXIV 54	
— Observations on the state of population in Manchester, and other adjacent places concluded <i>Percival</i>	LXV 322	
— A supplement to a paper, entitled, “observations on the population of Manchester” <i>Percival</i>	LXVI 160	
— Observations on the population and diseases of Chester, in the year 1774 <i>Haygarth</i>	LXVIII 131	
— See <i>Mortality</i>		
PORCUPINE QUILLS. A letter giving some account of the roots used by the Indians, in the neighbourhood of Hudson’s Bay, to dye porcupine quills <i>Forster</i>	LXII 54	
PORES. The description and use of the pores in the skin of the hands and feet <i>Grew</i>	XIV 566	
— Microscopical observations on the pores <i>Leeuwenhoek</i>	XVII 949	III 685
PORISMS. Two general propositions of Pappus of Alexandria, taking in a great part of Euclid’s porisms, restored by <i>Simson</i>	XXXII 330	VI 76
PORPHYRE. Directions for enquiries concerning stones, and other materials for the use of building, together with a suggestion for retrieving the art of hardening steel for cutting porphyre and other hard marbles <i>Olsenburgh</i>	VIII 6010	
— Letter concerning the porphyry pillars in Egypt <i>R. H.</i>	XIV 624	III 528

	Transf.	Abridg.
PORPOISE. An account of the dissection of a porpoise, with some observations, omitted by Rondeletius		
— Of a venomous scratch with the tooth of a porpoise, its symptoms and cure	<i>Ray</i> VI 2274	II 839
PORTLAND, ISLE OF. An account of the damage which happened in the Isle of Portland, Feb. 3, 1695-6	<i>Lifter</i> XIX 726	— 824
PORT-ROYAL. Observations on the eclipse of the moon, June 18, 1722, and the longitude of Port-Royal in Jamaica determined thereby	<i>Southwell</i> — 660	III 649
POSTURE MASTER. Of the posture master	<i>Halley</i> XXXII 235	VI 190
POT-ASH. An account of the preparation and uses of the various kinds of pot-ashes	<i>Anon.</i> XX 262	III 297
— An account of a new and cheap method of preparing pot-ash, with observations	<i>Mitchell</i> XLV 541	X 777
POTTERY. An account of a Roman pottery near Leeds, in Yorkshire	<i>Percival</i> LXX 345	
POUHON-WATER. An Experimental inquiry into the nature of the mineral elastic spirit or air, contained in Spa water, as well as into the mephitick qualities of this spirit	<i>Thoresby</i> XIX 319	III 418
Continued	<i>Brownrigg</i> LV 218	
POWDER. A description of the uses of a certain powder for yielding very close and smooth metal, and of easy carriage, &c. for casting of guns	<i>Brownrigg</i> LXIV 357	
— Part of a letter, giving an account of several magnetical experiments, and of one who pretended to cure or cause diseases at a distance, by applying a sympathetic powder to the urine	<i>Anon.</i> VIII 6040	II 557
— The effects of Dampier's powder in curing the bite of a mad dog	<i>Leeuwenhoek</i> XIX 512	III 685
Another case drawn up	<i>Fuller</i> XL 272	IX 224
— A report of the Committee appointed by the Royal Society to consider of a method for securing the powder magazines at Purfleet	<i>Hartley and Sandy</i> — 274	— —
Mr. Wilson's dissent to part of the preceding report	<i>Committee of the Royal Society</i> LXIII 42	
Answer of the Committee to the objections	— 48	
POWER. Short and easy methods for finding the	— 66	

	Transf.	Abridg.
quantity and weight of water contained in a full pipe of any given height and diameter of bore; and consequently to find what degree of power would be required to work a common pump, or any other hydraulic engine, when the diameter of the pump-bore, and the height to which the water is to be raised therein, are given - - - <i>Ferguson</i>	LV 61	
PRECIOUS STONES. Some remarks on the precious stone called the turquoise - - - <i>Mortimer</i>	XLIV 429	X 633
— Some observations upon gems or precious stones; more particularly such as the ancients used to engrave upon - - - <i>Dingley</i>	— 502	— 610
PRECIPICES OR CLIFFS. Extract of a letter containing observations on the precipices and cliffs on the north-east coast of Norfolk - - - <i>Arderon</i>	— 275	— 589
PRESERVATION OF BODIES. See <i>Death</i> .		
PRESSURE. Some experiments and observations on the force of the pressure of the water at great depths - - - <i>Anon.</i>	XVII 504	I 521
PRICKLEBACK. Abstract of a letter concerning some observations made on the banstife or prickleback, and also on fish in general - - - <i>Arderon</i>	XLIV 424	XI 872
PRICKLY PEAR. The effects of the opuntia, or prickly pear, and of the indigo plant in colouring the juices of living animals - - - <i>Baker</i>	L 296	
PRINTING. That Costerus first invented printing 1430 - - - <i>Ellis</i>	XXIII 1416	V 2 11
— Some observations concerning the invention and progress of printing to 1465 - - - <i>Anon.</i>	— 1507	— 12
— An essay on the invention of printing, by John Bagford; with an account of his collections for the same - - - <i>Wanley</i>	XXV 2397	— 18
— An account of Mr. Le Blon's principles of printing in imitation of paintings, and of weaving of tapestry in the same manner as brocades - - - <i>Mortimer</i>	XXXVII 101	VI 469
— The description of an antique metal stamp, in the collection of the Duke of Richmond, being one of the instances how near the Romans had arrived to the art of printing; with some remarks - - - <i>Mortimer</i>	XL 388	IX 407
PRISM. An account of rings, consisting of all the prismatic colours, made by electrical explosions on the surface of pieces of metal - - - <i>Prießley</i>	LVIII 68	
		— An

	Transf.	Abridg.
PRISM. An account of two giants causeways, or groups of prismatic basaltine columns, and other volcanic concretions in the Venetian State in Italy ; with some remarks on the characters of those and other similar bodies, and on the physical geography of the countries in which they are found - <i>Strange</i>	LXV 5	
— Account of a new instrument for measuring small angles called the prismatic micrometer <i>Maskeelyne</i>	LXVII 799	
PROBLEM. See <i>Mathematics</i>		
PROBOSCIS. Microscopical observations on the proboscis of fleas - - <i>Leeuwenboock</i>	XXV 2305	V 2 267
PROJECTILES. A discourse concerning gravity and its properties, wherein the descent of heavy bodies, and the motion of projects, is briefly, but fully handled ; together with the solution of a problem of great use in gunnery <i>Halley</i>	XVI 3	I 472
— Some propositions on the parabolic motion of projectiles written in 1710 - <i>Taylor</i>	XXXI 151	VI 299
— The motion of projectiles near the earth's surface considered, independent of the properties of the conic-sections - <i>Simpson</i>	XLV 137	X 196
PROPAGATION. Letter concerning the seeds of plants, with observations on the manner of the propagation of plants and animals <i>Leeuwenboock</i>	XVII 700	III 685
— Some microscopical observations and curious remarks on the vegetation and exceeding quick propagation of moldiness on the substance of a melon - - <i>Bradley</i>	XIX 490	IV 2 308
— A letter concerning the propagation of misletoe <i>Barrel</i>	XXXIV 215	VI 2 348
PROPORTION. An account of the several species of infinite quantity, and of the proportions they bear one to the other - <i>Halley</i>	XVII 556	I 102
— An account of the proportion of the English and French measures and weights from the standard of the same, kept at the Royal Society <i>Anon.</i>	XLII 185	IX 489
— Experiments and observations on the agreement between the specific gravities of the several metals, and their colours, when united to glass, as well as those of their other preparations <i>Delava'</i>	LV 10	
— Observations for settling the proportion which the decrease of heat bears to the height of situation - <i>Heberden</i>	LV 126	

	Transf.	Abridg.
PROPORTION. The general mathematical laws which regulate and extend proportion universally, as a method of comparing magnitudes of any kind together, in all the possible degrees of increase and decrease - - - <i>Glenie</i>	LXVII 450	
PROVIDENCE. An argument for Divine Providence, taken from the constant regularity observed in the births of both sexes - - - <i>Arbuthnot</i>	XXVII 186	V 2 240
PRUSA. An account of the city of Prusa, in Bythinia - - - <i>Smith</i>	XIV 431	III 473
PTARMIGAN. Observations on the lagopus, or ptarmigan - - - <i>Barrington</i>	LXIII 224	
PUDENDA. A letter concerning the præter-natural structure of the pudenda in a woman - <i>Bennet</i>	XXXIII 142	VII 551
PUERPERA. An account of an hydrops ovarii, with a new and exact figure of the glandular renales, and of the uterus in a puerpera - <i>Douglas</i>	XXV 2317	V 294
PULLIES. An account of two experiments of the friction of pulleys - - - <i>Desaguliers</i>	XXXVII 394	VI 322
— A description of a new tackle or combination of pulleys - - - <i>Smeaton</i>	XLVII 494	
PULMONARY VEIN. A letter, giving an account of a polypus resembling a branch of the pulmonary vein, coughed up by an asthmatic person - - - <i>Nicholls</i>	XXXVII 123	VII 504
PULP. Instances shewing the correspondence of the pith and timber, with the seed of the plant, as also of the bark, or sap in the bark, with the pulp of the fruit, or some encompassing coat or cod containing the seed - - - <i>Beak</i>	IV 919	II 710
PULSE. Cases of the remarkable effects of blisters in lessening the quickness of the pulse in coughs, attended with an infarction of the lungs and fever - - - <i>Whytt</i>	L 569	
PUMICE STONE. Microscopical observations on the pumice stone - - - <i>Leewwenhoek</i>	XXIV 2158	V 2 267
— A letter relating to a surprising shoal of pumice stones, found floating on the sea - <i>Dow</i>	XXXV 446	
PUMP. A draught and description of a useful and cheap pump, contrived by Mr. Conyers, a trial of which was made at the repairing of the new canal of Fleet River, in London, and elsewhere - <i>Conyers</i>	XII 888	I 545
— Short and easy methods for finding the quantity		

	Franc.	Abridg.
and weight of water contained in a full pipe of any given height and diameter of bore; and consequently to find what degree of power would be required to work a common pump or any other hydraulic engine, when the diameter of the pump-bore, and the height to which the water is to be raised, are given <i>Ferguson</i>	LV 61	
PUNIC. An attempt to explain a Punic inscription lately discovered in the island of Malta <i>Swinton</i>	LIII 274	
— Observations on an inedited coin, adorned with two Punic characters on the reverse <i>Swinton</i>	LVIII 265	
PUNCTURE. An account of a suppression of urine cured by a puncture made in the bladder through the anus - <i>Robert Hamilton</i>	LXVI 578	
PUPPY. Account of a puppy in the womb that received no nourishment by the mouth <i>Brady</i>	XXIV 2176	V 34
PURGING MEDICINES. A solution of the problem for determining the doses of purging and emetic medicines - <i>Cockburn</i>	— 2119	— 273
— The practice of purging and vomiting medicines, according to Dr. Cockburn's solution of his problem; with tables, shewing their doses in particular ages and constitutions <i>Cockburn</i>	XXVI 46	— 397
PURGING WATERS. An account of a new purging spring at Dulwich, in Surry <i>Mariyn</i>	XLI 835	VIII 653
— An examination of the strength of several of the principal purging waters, especially that of Jessop's Wells - <i>Hales</i>	XLVI 446	X 574
— An account of the salt purging water of Pitkeathly, in the county of Perth, in Scotland <i>Monro</i>	LXII 15	
— See the particular Waters in their Places		
PURPLE. Observations on the limax non cochleata purpuram ferens, the naked snail producing purple - <i>Peyssonel</i>	L 585	
PURPLE FISH. Observations on the purple fish <i>Cole</i>	XV 1278	II 823
PUTRIFACTION. Instances, hints, and applications relating to a main point solicited in the preface to this fourth volume, concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to pro		

	Transf.	Abridg.
mote the generation of salt, minerals, metals, crystal, gems, stones of divers kinds, and helps to conserve long, or to hasten putrifaction, fertility of any kind of land &c. <i>Beale</i>	IV 1135	
PUTRIFACTION. An account of some substances resisting putrifaction - <i>Pringle</i>	XLVI 480	XI 1365
A continuation <i>Pringle</i>	— 525	— 1369
Further experiments - <i>Pringle</i>	— 550	— 1373
— Some experiments on putrifaction <i>Croll</i>	LXI 332	
— See <i>Antiseptic, Marshes</i>		
PUTRID DISORDER. Journal of the weather at Senegambia, during the prevalence of a very fatal putrid disorder; with remarks on that country <i>Schotte</i>	LXX 478	
PYRAMID. Account of a pyramidal appearance in the heavens, observed near Upminster, in Essex <i>Derham</i>	XXV 2411	IV 2 133
PYRITES. Of the nature of earthquakes; more particularly of the origin of the matter of them from the pyrites alone - <i>Lyfter</i>	XIV 512	II 428
— Observations concerning the spontaneous firing of the pyrites - <i>Lyfter</i>	— 515	
— Observations concerning thunder and lightning being from the pyrites - <i>Lyfter</i>	— 517	— 182
PYRMONT WATERS. A short account of the nature and virtues of the Pyrmont waters; with some observations upon their chalybeate quality <i>Slare</i>	XXX 564	IV 2 201
PYROMETER. Description of a new pyrometer, with a table of experiments made therewith <i>Smeaton</i>	XLVIII 598	
PYROMETRY. An essay on pyrometry, and areometry, and on physical measures in general <i>De Luc</i>	LXVIII 419	
PYRORGANUM. A letter which gives a description of the figures of his electrical pyrorganum	XLIV 497	

Q

	Transf.	Abridg.
QUAB. A letter concerning an extraordinary fish called in Russia, quab, and concerning the stones called crabs eyes - <i>Baker</i>	XLV 174	X 876
QUADRABLE. Letter concerning the spaces in the cycloid, which are perfectly quadrable <i>Wallis</i>	XIX 111	I 116
QUADRANT. The description of a new quadrant for taking altitudes without an horizon, either at sea or land - <i>Elton</i>	XXXVII 273	
— A spirit level to be fixed to a quadrant for taking a meridional altitude at sea when the horizon is not visible - <i>Hadley</i>	XXXVIII 167	VIII 357
— An account of Mr. Thomas Godfrey's improvement of Davis's quadrant, transferred to the mariner's-bow - <i>Logan</i>	— 441	
— A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea in thick and hazy weather, without seeing the horizon - <i>Leigh</i>	XL 413	— 366 — 360
— A description of an astronomical mural quadrant freed from many of the inconveniences it has hitherto laboured under - <i>Gersten</i>	XLIV 507	X 143
— A recommendation of Hadley's quadrant for surveying, especially the surveying of harbours, together with a particular application of it in some cases of pilotage - <i>Mitchell</i>	LV 70	
— A letter describing some additions and alterations made to Hadley's quadrant, to render it more serviceable at sea - <i>Dollond</i>	LXII 95	
— Remarks on the Hadley's quadrant, tending principally to remove the difficulties which have hitherto attended the use of the back-observation, and to obviate the errors that might arise from a want of parallelism in the two surfaces of the index glass <i>Maskeelyne</i>	— 99	
— See <i>Level</i>		
QUADRATRIX. The construction and properties of a new quadratrix to the hyperbola <i>Pirkes</i>	XXV 2253	IV 66

	Transl.	Abridg.
QUADRATIC. Universal solution of quadratic and biquadratic equations, viz. analytical, geometrical, and mechanic! — <i>Colson</i>	XXV 2353	IV 66
QUADRATURE. Answer to the animadversions of Mr. Huygens upon Dr. Gregory's book, <i>De vera circuli & hyperbolæ quadratura</i> , as published in the <i>Journal des Scavans</i>	III 732	
— Some consideration upon M. Huygens' letter, printed in vindication of his examen of the book, entitled <i>vera circuli & hyperbolæ quadratura</i> — <i>Gregory</i>	— 882	
— An addition to the scheme of quadratures — <i>Craig</i>	XIX 373	I 407
— Of the logarithmic curve — <i>Craig</i>	XX 373	— 56
— Letter concerning the quadrature of the parts of the lunula of Hippocrates Chius, performed by Mr. John Perks, with the further improvements of the same, by Dr. David Gregory and John Caswell — <i>Wallis</i>	XXI 411	I 27
— A specimen of the general method of determining the quadrature of figures — <i>Craig</i>	XXIII 1346	IV 26
— A ready description and quadrature of a curve of the third order, resembling that commonly called the foliate — <i>De Moivre</i>	XXIX 329	— 24
— A demonstration of the 11th proposition of Sir Isaac Newton's treatise of quadratures — <i>Robins</i>	XXXIV 230	VI 60
— The general quadrature of trinomial hyperbolic curves — <i>Klingerstein</i>	XXXVII 45	— 82
QUADRUPEDS. An account of the quadrupeds in the Philippine Islands — <i>Camel</i>	XXV 2197	
— An account of a quadruped brought from Bengal — <i>Parsons</i>	XLIII 465	XI 899
— Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition; some of the same means may be employed for preserving quadrupeds, reptiles, fishes, and insects — <i>Reaumer</i>	XLV 309	
— Account of several quadrupeds from Hudson's Bay — <i>Forster</i>	LXII 370	
QUANTITY. An account of the several species of infinite quantity, and of the proportions they bear, one to the other — <i>Halley</i>	XVII 556	I 102
— An essay on quantity; occasioned by reading a		treatise,

	Transl.	Abridg.
treatise, in which simple and compound ratios are applied to virtue and merit <i>Reid</i>	XLV 505	X 22
QUARIES. Account of stone quarries and talc rocks in Hungary - <i>Oldenburg and Brown</i>	V 1044	II 339
— An extract of a letter concerning a quarry of marble in the county of Farmanagh in Ireland - <i>Nevill</i>	XXVIII 278	
QUASSI ROOT. Letter on the good effects of the quassi root in fevers at Antigua <i>Farley</i>	LVIII 80	
QUESNEL, ELIZABETH. See <i>Bones</i>		
QUICK LIME. A chymical experiment of the effects of quick lime upon alkaline sal volatile <i>Schlosser</i>	XLIX 222	
QUICKSILVER. Observations concerning quicksilver found at the roots of plants <i>Septalius</i>	II 493	— 425
— A relation concerning the quicksilver mines of Friuli; confirming, as well the account given on that subject, vol. I, p. 21, as enlarging the same, with some additions - <i>Brown</i>	IV 1080	— 579
— An attempt to render the cause of that odd phenomenon of the quicksilver remaining suspended far above the usual height in the Torricellian experiment - <i>Hugen</i>	VII 5027	— 23
— Of the incalcescence of quicksilver with gold <i>R. B.</i>	X 515	— 580
— An account of some new experiments relating to the action of glass tubes upon water and quicksilver - <i>Jurin</i>	XXX 1083	IV 428
— A description of an engine to raise water by help of quicksilver, invented by Haskins, and improved by - <i>Desaguliers</i>	XXXII 5	VI 352
— Experiments on quicksilver <i>Boerhaave</i>	XXXVIII 145	VIII 709
— Experiments on quicksilver <i>Boerhaave</i>	XXXIX 343	— 717
More experiments - <i>Boerhaave</i>	— 368	— 725
— Part of a letter concerning the light caused by quicksilver shaken in a glass tube, proceeding from electricity - <i>Trembley</i>	XLIV 58	X 321
— An account of the success of some attempts to freeze quicksilver, at Albany Fort, in Hudson's Bay, in the year 1775, with observations on the dipping-needle - <i>Hutchins</i>	LXVI 174	
QUILLS. A letter giving some account of the roots used by the Indians, in the neighbourhood of Hudson's Bay, to dye porcupine quills <i>Forster</i>	LXII 54	
QUINARIUS. Explication of a most remarkable mo-		

	Transf.	Abridg.
nogram on the reverse of a very antient quiniarius, never before published or explained <i>Swinton</i>	LXIV 318	
QUINCY. An account of a stone bred at the root of the tongue, and causing a quinsy <i>Benavert</i>	XX 440	III 156
R.		
RABBIT. Investigation of the specific characters which distinguish the rabbit from the hare <i>Barrington</i>	LXII 4	
RAIN. A particular account of the origin of fountains, and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually <i>Anon.</i>	X 447	II 329
— Observations concerning some little animals observed in rain, well, sea, and snow water, where pepper has lain infused <i>Leeuwenhoek</i>	XII 821	III 683
— With the manner of observing them <i>Leeuwenhoek</i>	— 844	—
— Observations on rain water <i>Leeuwenhoek</i>	XXIII 1152	
— An attempt to solve the phenomenon of the rise of vapours, formation of clouds, and deicent of rain <i>Desaguliers</i>	XXXVI 6	VI 2 61
— The fall of, in various places. See <i>Meteorological Observations</i>		
RAINBOWS. An account of two rainbows, unusually posited, lately seen in France <i>Journal des Sçavans</i>	I 219	II 188
— Some optical assertions concerning the rainbow from Leige <i>Linus</i>	X 386	— 194
— An account of the appearance of an extraordinary iris seen at Chester, Aug. 6, 1697 <i>Halley</i>	XX 193	— 188
— A geometrical dissertation on the rainbow, shewing the means of obtaining the diameter of each bow, the ratio of refraction being given, with the solution of the reverse problem, or that of finding the ratio of the refraction, the diameter of the bow being given <i>Halley</i>	XXII 714	— 195
— A letter giving an account of a lunar rainbow seen in Derbyshire, 1710-11 <i>Thoresby</i>	XXVII 320	IV 2 131

	Transf.	Abridg.
RAINBOW. An account of two mock suns, and an arc of a rainbow inverted with an halo, and it brightest arc, seen on Sunday and Monday, Oct. 22, and 23, 1721, at Lyndon, in Rutland - - <i>Whiston</i>	XXXI 212	VI 2 76
— An account of a rainbow seen on the ground - - <i>Langwith</i>	— 229	— - 80
— Extracts of several letters concerning the appearance of several arches of colours contiguous to the inner edge of the common rainbow at Petworth - - <i>Langwith</i>	XXXII 241	VI 122
Another letter with some other reflections on the same subject - - <i>Pemberton</i>	— 245	— 123
— A description of an extraordinary rainbow observed July 15, 1748 - - <i>Daval</i>	XLVI 193	X 481
— An account of an inverted iris, observed on the grafs in September, and another in October 1751 - - <i>Webb</i>	XLVII 248	
Observations on an evening, or rather nocturnal solar iris, June 5, 1757 - - <i>Edwards</i>	L 293	
RAM. Part of a letter containing some microscopical observations upon the animalcula in femine of young rams - - <i>Leeuwenhoek</i>	XXVII 316	V 2 267
RANA PISCATRIX. See <i>Frog-Fish</i>		
RAREFACTION. An account of an experiment of shooting by the rarefaction of the air - - <i>Papin</i>	XVI 21	I 496
RARETIES. Account of the chamber of rareties at Bohn - - <i>Ellis</i>	XXIII 1416	V 2 134
RAT. Examination of the testicles of a rat - - <i>Leeuwenhoek</i>	XVII 593	III 685
— Observations in the dissection of a rat - - <i>R. W.</i>	— 594	
RATHBONE-PLACE WATER. Experiments on Rathbone-Place waters - - <i>Cavendish</i>	LVII 92	
RATIO. An essay on quantity, occasioned by reading a treatise, in which simple and compound ratios are applied to virtue and merit - - <i>Reid</i>	XLV 505	X 22
RATTLE SNAKES. The way of killing rattle-snakes - - <i>Taylor</i>	I 43	II 373
A note touching this relation - - <i>Anon.</i>	— 76	— 811
— — The anatomy of a rat-le-snake dissected at the repository of the Royal Society - - <i>Tyson</i>	XIII 25	— 797
— — An account of the rattle-snake - - <i>Dudley</i>	XXXII 292	VII 400
Some observations upon vipers on occasion of the above relation - - <i>Spengel</i>	— 296	— 409

	Transf.	Abridg.
RATTLE-SNAKE. An account of some experiments on the effects of the poison of the rattle-snake <i>Hall</i>	XXXV 309	VII 412
— The anatomy of the poisonous apparatus of a rattle snake, with an account of the quick effects of its poison <i>Ranby</i>	— 377	— 416
— Conjectures on the charming or fascinating power attributed to the rattle-snake, grounded on credible accounts, experiments, and observations <i>Sloan</i>	XXXVIII 321	EX 55
— A letter concerning a cluster of small teeth observed at the root of each fang, or great tooth, in the head of a rattle-snake, upon dissecting it <i>Bartram</i>	XLI 358	— 60
— A letter containing an account of what he felt after being bit by a rattle-snake <i>Breintal</i>	XLIV 147	— 856
— An account of the successful application of salt to wounds made by the bite of rattle-snakes <i>Gale</i>	LV 244	
RAY, JOHN. A letter to Mr. Ray concerning some particulars that might be added to the ornithology <i>Lifter</i>	XV 1159	II 849 — 853
— A letter giving an account of what manuscripts were left by Mr. John Ray <i>Dale</i>	XXV 2282	V 184
RAYS. (Natural Philosophy) A method by which a glass of a small plano-convex-sphere may be made to refract the rays of light to a focus of a far greater distance than is usual <i>Hook</i>	I 202	I 193
— A new way of orthographically delineating, by parallel rays, the postures and actions of an human body, exactly observing the symmetry and proportion of the parts <i>Saint Clare</i>	VIII 6079	— 599
— The effects of the different refractions of the rays in telecopical glasses <i>Anon</i>	— 6086	— 156
— Hopes of perfecting telescopes by reflections, rather than refractions <i>Newton</i>	— 6091	— 158
RAZORS. Letter on the edge of razors <i>Leeuwenhoek</i>	XXII 899	V 2 266
— Observations upon the edge of razors <i>Leeuwenhoek</i>	XXVI 493	— 267
Second letter on the same <i>Leeuwenhoek</i>	— —	— —
RECEIVER. Phenomena afforded by shell fishes in an exhausted receiver <i>Boyle</i>	V 2023	I 304
— A letter concerning a new contrivance of applying receivers to retorts in distillation <i>Langrish</i>	XLIII 254	XI 1225
RECTUM. An account of what was observed upon opening the corpse of a person who had taken several ounces of crude mercury internally;		

	Transf.	Abidg.
and of a plum stone lodged in the coats of the rectum - <i>Madden</i>	XXXIX 291	IX 152
RECVLVER. Observations on the fossils of Reculver Cliffe, with a note by the publisher, H. Sloane <i>Gray</i>	XXII 762	IV 461
RED COLOUR. Two letters giving an account of a red colour produced by mixture of a sulphureous spirit with a volatile alkali - <i>Gibbons</i>	XIX 542	III 367
— A further account of the bones of animals being made red by aliment only - <i>Belchier</i>	XXXIX 299	IX 105
— Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour <i>Du Monceau</i>	XLI 390	— 103
RED SEA. A letter accompanying a new chart of the Red Sea, with two draughts of the roads of Mocha and Judda, and several observations made during a voyage on that sea <i>Newiana</i>	LXII 77	
REDI. Extract of a letter concerning Signor Redi's manuscripts - <i>Anon.</i>	XXI 42	II 789
REEKS, NICHOLAS. Case of Nicholas Reeks, who was born with his feet turned inwards, which came to rights after being some time used to set cross legged - <i>Milner</i>	XLVI 239	XI 1113 II 595
REFINING. Experiments of refining gold with antimony - <i>God-lara</i>	XII 953	— 597
— The art of refining - <i>Merrit</i>	— 1046	— 598 — 591
REFLECTING TELESCOPES. See <i>Telescopes</i>		
REFRACTION. A method by which a glass of a small plano-convex sphere, may be made to refract the rays of light to a focus of a far greater distance than is usual - <i>Hook</i>	I 202	I 193
— The effects of the different refractions of the rays in telescopical glasses - <i>Anon.</i>	VIII 6086	— 156
— Hopes of perfecting telescopes by reflections rather than refractions - <i>Newton</i>	— 6091	— 158
— Extract of two letters concerning an instrument to shew the moon's true place to a minute or two; also the writer's design of correcting the hitherto assigned motions of the sun; the other touching the necessity of making new solar numbers, together with an expedient of making trial whether the refraction in Signor Cassini's table be just - <i>Flamstead</i>	IX 219	— 162
— An experiment of the refraction of air made at the command of the Royal Society <i>Lowthorp</i>	XXI 339	I 228

	Transf.	Abridg.
REFRACTION. A geometrical dissertation on the rainbow, shewing the means of obtaining the diameter of each bow, the ratio of refraction being given, with the solution of the reverse problem <i>Haller</i>	XXII 714	II 195
— A description of the apparatus for making experiments on the refractions of fluids, with a table of the specific gravities, angles of observations, and ratio of refractions of several fluids <i>Hauksbee</i>	XXXVII 204	IV 2 182
— Some allowances to be made in astronomical observations, for the refraction of the air, with an accurate table of refractions <i>Halley</i>	XXXI 169	VI 167
— An account of the double refractions in crystals <i>Beccaria</i>	LII 486	
— Concise rules for computing the effects of refraction and parallax in varying the apparent distance of the moon from the sun or a star; also an easy rule of approximation for computing the distance of the moon from a star, the longitude and latitude of both being given, with demonstrations of the same <i>Maskeleyne</i>	LIV 263	
— See <i>Air, Crystal, Telescope</i>		
REFRACTIONS OF FLUIDS. See <i>Fluids</i>		
REGIMEN. Part of a letter on the antiseptical regimen of the natives of Russia <i>Guthrie</i>	LXVIII 622	
REINS. An observation of the immoderate and fatal use of erab-stones, and such like absorbent earths, from whence have proceeded stones in the stomach and reins <i>Breynius</i>	XLI 557	IX 171
REMEDIES. Of the diseases incident to, and remedies of, Northern countries <i>Lloyd</i>	XXI 310-311	III 606
REPTILES. Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition; some of the same means may be employed for preserving quadrupeds, reptiles, fishes, and insects <i>Reaumur</i>	XLV 309	
REPULSIVE. Some electrical experiments, chiefly regarding the repulsive force of electrical bodies <i>Wheale</i>	XLI 98	VIII 406
RESIN. An account of the quantity of resin in the cortex cleutherizæ <i>Brown</i>	XXXII 81	VII 738
RESISTANCE. Experiments relating to the resistance of fluids <i>Desaguliers</i>	XXXI 142	VI 299
— Experiments to determine the law of the resistance of bodies on the surface of the water <i>Hécat</i>	XLIX 1	

RESPIRATION.

	Transf.	Abridg
RESPIRATION. New pneumatical experiments about <i>Boyle</i>	V 2011	II 215
— Experiments concerning respiration upon very high mountains <i>Boyle</i>	— 2038	
— Account of an unsuccessful attempt to prevent the necessity of respiration by the production or growth of animals in our vacuum <i>Boyle</i>	— 2040	
— Of the power of assuefaction to enable animals to hold out in air, by rarefaction made unfit for respiration <i>Boyle</i>	— 2045	
— Experiments shewing that air unfit for it may retain its wonted pressure <i>Boyle</i>	— 2046	
— An experiment of a surprising change of colour, from a pale transparent or clear liquor, to a very blue ceruleous one, and that in an instant, by the admission of air only, applied to illust- trate some changes of colour, and other effects on the blood of respiring animals <i>Star.</i>	XVII 898	
— A discourse concerning some influence of respi- ration on the motion of the heart, hitherto unobserved <i>Drake</i>	XXIII 1217	V 253
— Experiments on the perforation of the thorax, and its effects on respiration <i>Houfson</i>	XXXIX 230	IX 138
— Some experiments relating to respiration <i>Haller</i>	XLVI 325	XI 965
— Observations on respirations, and the use of the blood <i>Priestley</i>	LXVI 226	
— See <i>Lungs</i>		
REST. An experimental examination of the quantity and proportion of mechanic power, necessary to be employed in giving different degrees of velocity to heavy bodies from a state of rest <i>Smeaton</i>	— 450	
RETORTS. A letter concerning a new contrivance of applying receivers to retorts in distillation <i>Langrish</i>	XLIII 254	— 1225
REVERSIONS. Observations on the proper methods of calculating the values of reversions dependent on survivorships <i>Pricc</i>	LX 268	
REY. An account of a strange sort of rey growing sometimes in certain parts of France <i>Journal des Scavans</i>	XI 758	II 625
RHEUM PALMATUM. See <i>Rhubarb</i>		
RHEUMATISM. An account of the probable causes of the pain in rheumatism; as also of the cure of a total suppression of urine, not caused by the stone, by the use of acids <i>Baynar.</i>	XIX 19	III 265

	Transl.	Abridg.
RHINOCEROS. A letter containing the natural history of the rhinoceros - <i>Parson</i>	XLII 523	IX 93
— A letter on the double horns of the rhinoceros - <i>Parsons</i>	LVI 32	
RHINOCEROS BEZOAR. A letter concerning the pietra di mombazza, or the rhinoceros bezoar - <i>Sloane</i>	XLVI 118	XI 910
RHUBARB. An account of the rheum palmatum, or rhubarb plant, raised at Edinburgh - <i>Hope</i>	LV 295	
RICHMAN. Answer to Dr. Lining's query relating to the death of Professor Richman - <i>W. Watson</i>	XLVIII 765	
An account of the death of Mr. George William Richman, occasioned, by an electrical stroke collected from thunder, translated from the Dutch - <i>Anon.</i>	XLIX 61	
RIDING. An account of the death of Dr. Greene by a hurt in riding out - <i>Cameron</i>	XLIV 609	XI 1112
RIGHT-ASCENSION. Description of a method of measuring differences of right-ascension and declination, with Dollond's micrometer, together with other new applications of the same - <i>Mitchelyne</i>	LXI 536	
RIGHT LINES. Propositions selected from a paper on the division of right lines and solids - <i>Glenie</i>	LXVI 73	
RINGS. An account of rings consisting of all the prismatic colours made by electrical explosions on the surface of pieces of metal - <i>Priestley</i>	LVIII 68	
RISINGHAM. Vide <i>Inscription</i>		
RIVERS. (In general) A particular account of the origin of fountains, and to shew that the rain and snow waters are sufficient to make fountains run perpetually - <i>Anon.</i>	X 447	II 329
— An attempt to account for the rising and falling of the water of some ponds near the sea, on ebbing or flowing rivers; where the water is lowest in the pond, at the time of high water in the sea or river; and the water is the highest in the pond, at the time of low water in the sea or river; as also for the increasing or decreasing of the water of such pools or brooks as are highest in the dry seasons, and lowest in the rainy seasons; with an experiment to illustrate the solution of the phenomena - <i>Desaguliers</i>	XXXIII 13	VI 2 165
— An account of the use of furze in fencing the banks of rivers - <i>Wark</i>	LXI 1	
— Treatise on rivers and canals - <i>Mann</i>	LXIX 555	

	Transf.	Abridg.
RIVERS (Particular) Relation of the effects of a violent storm at Acomack in America, Oct. 19, 1693, on the rivers of that country <i>Scarburg</i>	XIX 659	III 667
— A relation of the bad condition of the mountains about the Tungarouse and Batavian rivers, having their source from thence, occasioned by the earthquake between the 4th and 5th of Jan. 1699, drawn up from the account given by Tommagan Porbo-Nata (who had been there) <i>Anon.</i>	XXII 595	II 419
— Part of a letter concerning the stocking the river Mene with oysters <i>Rowland</i>	XXXI 250	VII 420
— An account of the river Niagara, taken at Albany, Oct. 10, 1721 <i>Baraffar</i>	XXXII 69	VI 2 173
— Account of the rise of some of the most considerable rivers of Europe <i>Scheuchzer</i>	XXXV 577	VI 2 174
— An account of the sinking of a river near Pontypool, in Monmouthshire, Jan. 1, 1756 <i>Matthews</i>	XLIX 547	
RIZZETTI. Experiment made in August, 1728, before the Royal Society, upon occasion of Signor Rizzetti's opticks, with an account of that book <i>Desaguliers</i>	XXXV 607	VI 110
ROCHESTER. Vide <i>Inscription</i>		
ROCKS. A way to break easily and speedily the hardest rocks <i>Du Ron</i>	I 82	II 367
— Advertisement from Scotland, concerning the surface of the earth, stones, rocks, &c. <i>Beal</i>	X 337	— 368
— A letter concerning a new method of cleaving rocks <i>Beaumont</i>	XV 854	
— Extract of a letter from Calcutta concerning a burning rock, and a burning well <i>Wood</i>	LII 415	
ROCK CRYSTAL. An observation of optick glasses made of rock-crystal <i>Anon.</i>	I 362	I 195
ROCK PLANT. Two letters concerning rock-plants and their growth <i>Beaumont</i>	XI 724	— 519
— A further account of some rock-plants growing in the lead mines of Mendip Hills <i>Beaumont</i>	XIII 276	II 503
ROCKETS. Observations on the heights to which rockets ascend <i>Robin</i>	XLVI 131	X 201
— Some experiments in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen <i>Elicot</i>	— 578	— 202
ROMAN, JANE. An improvement on the practice		

	Trans.	Abridg.
of tapping, whereby that operation, instead of a relief for symptoms, becomes an absolute cure for an ascites, exemplified in the case of Jane Roman - - - <i>Warwick</i>	XLIII 12	XI 1030
A method of conveying liquors into the abdomen during the operation of tapping <i>Hales</i>	— 20	
ROMANSH LANGUAGE. An account of the Romansh language - - - <i>Planta</i>	LXVI 129	
ROME. Account of a way of restoring the salubrity of the country about Rome - - - <i>Donius</i>	V 2017	
— Miscellaneous observations made about Rome, Naples, and some other countries, in 1683 and 1684 - - - <i>Robinson</i>	XXIX 473	V 2 142
— Account of an extraordinary heat observed at Rome in the summer, 1768 - - - <i>Byres</i>	LVIII 337	
ROME. See <i>Altar, Antiquities, Camp, Chyroglyph, Coins, Colonies, Delgovitia, Eagle, Hypocaustum, Inscriptions, Legions, Measures, Money, Pavement, Pottery, Printing, Shield, Sweating-room, Tesseræ, Town, Urns</i>		
RONDELETIUS. An account of the dissection of a porpoise, with some observations omitted by Rondeletius - - - <i>Raj</i>	VI 2274	II 839
ROOMS. A proposal for warming rooms by the steam of boiling water, conveyed in pipes along the walls - - - <i>Cook</i>	XLIII 370	XI 1391
— Experiments and observations in an heated-room <i>Blagden</i>	LXV 111	
<i>Debson</i>	— 463	
<i>Blagden</i>	— 484	
Roots (Mathematics.) Of the number of roots in several equations, their power and use <i>Halle</i>	XVI 387	I 68
— A new and accurate method of finding the roots of equations of every kind without previous reduction - - - <i>Halle</i>	XVIII 136	— 81
— A method of raising an infinite multinomial to any given power, or extracting any given root of the same - - - <i>De Moivre</i>	XIX 619	— 90
— A method of extracting the root of an infinite equation - - - <i>De Moivre</i>	XX 190	— 95
— An attempt towards the improvement of the method of approximating, in the extension of the roots of equations in numbers <i>Taylor</i>	XXX 610	IV 80
— A letter concerning equations with impossible roots - - - <i>Mac Laurin</i>	XXXIV 107	VI 19

	Transf.	Abridg.
Roots. A method of determining the number of impossible roots in affected equations		
— Directions for making a machine for finding the roots of equations universally, with the manner of using it <i>Campbell</i>	XXXV 515	VI 9
— See <i>Equations</i>		
ROOTS OF PLANTS. Observations concerning quick-silver found at the roots of plants <i>Septalius</i>	II 493	II 425
— Two observations, the one concerning the effects of a poisonous root, the other concerning the virtues of the leaves of hemlock <i>Ray</i>	XIX 364	
— Observations on the roots of vegetables <i>Leeuwenhoek</i>	— 790	III 685
— A letter giving some account of the roots used by the Indians, in the neighbourhood of Hudson's Bay, to dye porcupine quills <i>Forster</i>	LXII 54	
ROSA MALLAS. The manner of making styrax liquida, alias rosa mallas — — <i>Petiver</i>	XXVI 44	V 417
ROSETUM. An answer to Mr. Hobbes's rosetum geometricum — — <i>Wallis</i>	VI 2202	I 247
ROSIN. The way of making pitch, tar, rosin, and turpentine near Marseilles <i>Beni</i>	XX 291	
ROTATION. A new theory of the rotatory motion of bodies affected by forces disturbing such motion <i>Landen</i>	LXVII 266	
ROTHERTON. Vide <i>Salt</i>		
ROUEN. See <i>Fever</i>		
ROUND WORM. Lumbricus teres, or some anatomical observations on the round worm bred in human bodies — <i>Tyson</i>	XIII 154	III 130
ROY. See <i>Barometer</i>		
RUBIES. Some observations on rubies made in Ceilan <i>Strachan</i>	XXIII 1248	V 2 181
RUDSTONE. See <i>Antiquities</i>		
RUMINATING MAN. An account of a ruminating man, lately living at Bristol — <i>Slare</i>	XVII 525	III 110
RUMSEY. See <i>Figures, Inscription</i>		
RUNIC CHARACTER. An explanation of the Runic characters of Helsingland — <i>Celsius</i>	XL 7	IX 438
RUPTURE. Account of an unusual rupture of the mesentery — — <i>Swammerdam</i>	X 273	III 118
— An account of what appeared most remarkable on opening the body of Anne Edwards, who died Jan. 5, 1729-30, having a large umbilical rupture — — <i>Ranby</i>	XXXVII 221	VII 516

	Transf.	Abridg.
RUPTURE. Of an inguinal rupture, with a pin in the appendix cœci, incruſted with ſtone		
— <i>Amyand</i> An account of a rupture in the ileum, occaſioned by a bruife without any wound	XXXIX 329	IV 24
— <i>Wolſius</i> Of a bubonocœle, or rupture in the groin, and the operation made upon it	XL 61	IX 160
— <i>Amyand</i> Account of a rupture of the navel	— 361	— 161
— <i>Taubo</i> Letter concerning the diſſection of a rupture	XLIII 50	XI 1027
— <i>Le Cat</i> See <i>Hernia</i>	XLVII 341	
RUSMA. Concerning Ruſma and Alcanna		
<i>Phil. Soc. Oxford</i>	XX 295	II 458
RUSSIA. Propoſals for the improvement of the hiſtory of Ruſſia, by publiſhing from time to time, ſeparate pieces, to ſerve for a collection of all ſorts of memoirs relating to the tranſactions and ſtate of that nation	XXXVIII 136	IX 399
— <i>Muller</i> Letter concerning the Ruſſia caſtor	XLVI 217	XI 925
— <i>Mounſey</i> Part of a letter on the antiſeptic regimen of the natives of Ruſſia	LXVIII 622	
RYE. An odd effect of thunder and lightning upon wheat and rye in the granaries at Dantzick		
— <i>Kirkby</i> An account of the diſeaſe, called ergot in French, from its ſuppoſed cauſe, viz. vitiated rye	VIII 6092	II 174
— <i>Tiſſot</i>	LV 106	
S.		
SACCUS. An uncommon dropſy from the want of a kidney; and a large ſaccus that contained the water	XLIV 337	XI 1027
<i>Glaſſ</i>		
SAFFRON. An account of the culture or planting and ordering of ſaffron	XII 945	II 635
— <i>Howard</i> A botanical deſcription of the flower and ſeed-veſſels of the plant, called crocus autumnalis ſativus, that produces the true Engliſh ſaffron, with a figure	XXXII 441	VI 2 309
— <i>Douglafs</i> An account of the culture and management of ſaffron in England	XXXV 566	— 311
SAINT ALBAN'S. See <i>Bonas</i>		
SAINT EDMUND'S BURY. Some account of a body		lately

	Transf.	Abridg.
lately found in uncommon preservation, under the ruins of the abbey, at St. Edmund's Bury, Suffolk, with some reflections upon the subject <i>Collignon</i>	LXII 465	II 816
SALAMANDERS. A letter rectifying the mistake of salamanders living in fire <i>Steno</i>	I 377	
SALEP. A letter containing a new manner of preparing salep <i>Moult</i>	LIX 1	
SALIVA. Observations on the salival duct <i>Bartholini</i>	XIV 749	III 58
— An account of the external maxillar, and other salivary glands; also of the insertions of all the lymphaticks (as well above as below the subclavians) into the veins; which glands and insertions have not hitherto been mentioned, or not truly described by any author <i>Hale</i>	XXXI 5	VII 459
— Observations on uncommon coloured saliva <i>Huxham</i>	XXXIII 63	— 583
SAL AMMONIAC. Method of making sal ammoniac in Egypt <i>Hasselquist</i>	LI 504	
SALT. The whole process used in France for making sea-salt by the sun <i>Anon.</i>	IV 1025	II 363
— Some enquiries and suggestions concerning salt for domestic uses; and concerning sheep, to preserve them, and to improve the race of sheep for hardness, and for the finest drapery <i>Beai</i>	IX 48	II 364
— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with a metal; and then making out, that allum is likewise the result of the said sulphur; as also evincing that vitriol, sulphur, and allum, do agree in the saline principles; and, lastly, declaring the nature of the salt in brimstone, and whence it is derived <i>Anon.</i>	— 66	— 544
— Microscopical observations of the figure of sugar and salt, and the probable cause of the difference of their taste <i>Leeuwenhoek</i>	X 380	III 683
— An extract of a letter concerning the salts of wine and vinegar <i>Leeuwenhoek</i>	XV 963	— 685
— An abstract of a letter concerning the various figures of the salts contained in several substances <i>Leeuwenhoek</i>	— 1073	— —

	Transf.	Abridg.
SALT. Microscopic observations on the figures of several salt particles, &c. <i>Leeuwenhoek</i>	XVII 949	III 685
— Letter concerning the figures of the salts of crystal - <i>Leeuwenhoek</i>	XX IV 1906	V 2 267
— An extract of a letter containing microscopical observations on the salts of pearls, oyster-shells, &c. - <i>Leeuwenhoek</i>	XXV 2416	— —
SALTs (Chemistry.) An account of an odd salt extracted out of a metallic substance <i>Lana</i>	VI 3060	III 325
— The principles and causes of the volatilization of salt of tartar, and other fixed salts <i>Von der Becke</i>	VIII 5185	— 320
— A way of extracting a volatile salt and spirit out of vegetables; intimated in vol. viii. p. 7002 <i>Coxe</i>	IX 4	— 326
— A discourse, denying the præ-existence of alcalizate or fixed salts in any subject, before it were exposed to the action of the fire; to which is added, a confirmation of an assertion, tion, delivered in vol. ix. p. 4, 5, and 6, viz. that alcalizate or fixed salts, extracted out of the ashes of vegetables, do not differ from each other; the same being affirmed of volatil salts, and vinous spirits - <i>Coxe</i>	IX 50	— 328
— A continuation of a discourse, begun in vol. ix. p. 150, touching the identity of all volatile salts, and vinous spirits; together with two surprising experiments concerning vegetable salts, perfectly resembling the shape of the plants, whence they had been obtained <i>Coxe</i>	— 169	— 333
— Remarks concerning factitious salts <i>F. Redi</i>	XX 281	— 339
— The exact quantity of acid salts contained in acid spirits - <i>Geoffrey</i>	XXII 530	
— Part of a letter concerning the vitrified salts of calcined hay - <i>Leeuwenhoek</i>	XXIV 1856	V 2 267
— An account of a large quantity of alcalious salt produced by burning rotten wood <i>Robie</i>	XXXI 121	VII 727
— Observations and experiments on the sal catharticum amarum, commonly called the Epſom salt - <i>Brown</i>	XXXII 348	
— Further observations - <i>Brown</i>	— 372	VII 732
— Extract of a letter concerning Mr. Seignette's		

	Transf.	Abridg.
fal polychrestus Rupellenfis, and some other chemical falts - - <i>Geoffroy</i>	XXXIX 37	IX 393
SALT (Chemistry.) Experiments on applying the Rev. Dr. Hale's method of distilling salt water to the steam engine - - <i>Fitzgerald</i>	L 53	
— An account of some neutral falts made with vegetable acids, and with the salt of amber; which shews that vegetable acids differ from one another; and that the salt of amber is an acid of a particular kind, and not the same with that of sea salt, or of vitriol, as alledged by many chemical authors <i>Monro</i>	LVII 479	
— A discovery of an indissoluble salt, arising from hempseed, put into water till it becomes putrid <i>Ellis</i>	LIX 138	
— Experiments and observations on various phenomena attending the solution of falts <i>R. Watson</i>	LX 325	
— An easy method to distill fresh water from salt water at sea - - <i>Newland</i>	LXII 90	
— Actual fire in detonation, produced by the contact of tin-foil, with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
— A letter relating to some specimens of native falts, collected by Dr. Brownrigg, and shewed at a meeting of the Royal Society, June 27, 1774 - <i>Brownrigg</i>	LXIV 481	
SALT (Use of, in Medicine) Account of an experiment, by which it appears that salt of steel does not enter to the lacteal vessels; with remarks - - <i>Wright</i>	L 594	
— An account of the successful application of salt to wounds, made by the bite of a rattle snake <i>Gale</i>	LV 244	
— An account of the salt purging water of Pitkeathly, in the county of Perth, in Scotland <i>Monro</i>	LXII 15	
— See <i>Acid, Alkali, Sea-Water, Water</i>		
SALTPETRE Of the way used in the Mogul's dominions to make saltpetre, extracted from Thevenot's voyages - <i>Oldenburg</i>	I 103	II 559
SALT SPRINGS AND MINES. Of the richest salt springs in Germany - <i>Anon.</i>	— 126	III 351
— An account of an odd spring in Westphalia, to-		

	Transf.	Abridg.
gether with an information touching falt-springs, and the straining of falt water <i>Ann.</i>	I 127	II 305
SALT SPRINGS AND MINES. Some enquiries concerning the falt springs, and the way of falt-making, at Nantwich, in Cheshire <i>Jackson</i>	IV 1060	— 352
An appendix to the discourses concerning the falt work - <i>Jackson</i>	— 1077	— —
— An account of a falt-spring in Somersetshire <i>Higbourn</i>	— 1128	— 351
— Instances, hints, and applications, relating to a main point, solicited in the preface to the fourth volume; concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to promote the generation of falt, &c. <i>Beau</i>	— 1135	II 728
— A relation concerning the sal-gemmæ mines in Poland - <i>Anon.</i>	V 1099	— 524
— Discovery of a rock of natural, at Rother-on in Cheshire - <i>Martindale</i>	— 2015	— 523
— An account of the falt waters of Droytwich in Worcester-shire - <i>Raffell</i>	XII 1059	— 365
— Observations on the sand found in the brine of the falt works in Staffordshire <i>Platt</i>	XIII 96	— 360
— Observations of the Midland falt-springs of Worcester-shire, Staffordshire, and Cheshire, of the crude falt which grows from the stone powder dejected by the said brines in boiling; of the specific difference between sea falt and common falt - <i>Lifter</i>	XIV 489	— 361
— An account of a falt spring on the banks of the river Weare, or Ware, in the Bishoprick of Durham - <i>Todd</i>	— 726	— 351
— An account of the imperial falt works of Soowar, in Upper Hungary - <i>Bruckman</i>	XXXVI 260	VI 2 233
— Part of a letter concerning the falt mines near Cracau, and various other notices <i>Mounsey</i>	XLVI 217	XI 925
— Some account of a falt found on the pic of Teneriffe - <i>Heberden</i>	LV 57	
— An account of a pure native crystallized natron, or fossil alkaline falt, which is found in the country of Tripoli in Barbary <i>Monro</i>	LXI 567	
SALVADORA. The establishment of a new genus of plants, called salvadora, with its description <i>Garcin</i>	XLVI 47	X 699

	Transf.	Abridg.
SALUBRITY. Account of the air extracted from different kinds of waters, with thoughts on the salubrity of the air at different places		
— On the degree of salubrity of the common airs at sea, compared with that of the sea-shore, and that of places far removed from the sea	<i>Fontana</i> LXIX 432	
— — — — — <i>Ingenbouse</i>	LXX 354	
SAMNITE. Some observations upon a Samnite Etruscan coin, never before fully explained		
— An attempt to elucidate two Samnite coins, never before fully explained	<i>Swinton</i> LI 853	
SAND. A curious and exact relation of a sand flood, which has lately overwhelmed a great tract of land in the county of Suffolk, together with an account of the check, in part, given to it	<i>Swinton</i> LIX 432	
— An ingenious proposal for a new set of maps of countries, together with tables of sands and clays, such chiefly as are found in the north part of England	<i>Wright</i> III 722	II 455
— Some experiments on a black shining sand brought from Virginia, supposed to contain iron	<i>Lisfer</i> XIV 739	— 450
— Part of a letter concerning the figures of sand	<i>Moulin</i> XVII 624	
— Part of a letter concerning the manuring of land in Devonshire by sea sand	<i>Leeuwenhoek</i> XXIV 1537	V 2 266
— An abstract of a letter concerning experiments made on the Indian magnetick sand	<i>Bury</i> XXVI 142	IV 2 301
— Observations on sand iron	<i>Muschenbroek</i> XXXVIII 297	VIII 737
SANTERINI. An account of a new island raised near Santerini, in the Archipelago	<i>Ellicot</i> LIII 48	
— A relation of a new island thrown up near the Island of Santerini	<i>Sherard</i> XXVI 67	V 2 196
— A relation of a new island, which was raised up from the bottom of the sea, on the 23d of May 1707, in the bay of Santerini, in the Archipelago	<i>Bourguignon</i> — 200	— 197
SAP. An experiment on <i>Aloe Americana ferrati-folia</i> weighed, seeming to impart a circulation of the sap in plants	<i>Goree</i> XXVII 353	
— Experiments concerning the motion of the sap in trees	<i>Merret</i> II 455	II 645
	<i>Willoughby and Wray</i> IV 963	— 682

	Transl.	Abridg.
SAP. Observations, directions, and inquiries concerning the motion of sap in trees in pursuance of what was begun there in 1668, and the spring after - <i>Tonge and Willoughby</i>	V 1165	— 683
— Some observations concerning the variety of the running of sap, compared with a weather glass in April, 1670 - <i>Tonge</i>	V 2070	— 684
— Particulars about retarding the ascent of sap, with other queries relating to that subject <i>Tonge</i>	— 2072	I 681
Farther enquiries concerning the running of sap in trees, the keeping of such sap, and brewing with it - <i>Tonge</i>	— 2074	II —
— Extracts of divers letters touching some inquiries and experiments touching the motion of sap in trees; and relating to the question of the circulation of the same - <i>Lifter</i>	VI 2119	— 686 — 689 — 752
A letter relating to some particulars in Mr. Lyfter's communication - <i>Willoughby</i>	— 2125	— 685
Extract of a letter, both in relation to the further discovery of the motion of juices in vegetables, and removing the difference noted in Mr. Willoughby's letter <i>Anon.</i>	— 2126	— 686 — 688
— Microscopical observations about the sap of plants - - - <i>Leeuwenboock</i>	X 380	III 683
— A letter concerning the tubes, or canals, that convey the yellow sap in the herb called Chelidonium Majus, or Celandine <i>Leeuwenboock</i>	XXIV 1730	V 2 267
— Observations and experiments relating to the motion of sap in vegetables <i>Bradley</i>	XXIX 486	IV 2 302
— An account of some new experiments, relating to different, and sometimes contrary, motion, of the sap in plants and trees <i>Fairchild</i>	XXXIII 127	VI 2 352
SASSAFRAS. An account of some oil of sassafras crystallized - - - <i>Maua</i>	XL 378	IX 394
SATURN. Of an observation, not long since made in England on Saturn - <i>Bali</i>	I 152	I 365
— A late observation upon Saturn, June 29, 1666, <i>Hock</i>	— 246	— —
— An observation of Saturn made at Paris, Aug. 17, 1668 - <i>Hugens and Picart</i>	IV 900	— —
— The appearance of, in 1670 - <i>Hevelius</i>	V 2089	— —
— Observations of a late appearance of Saturn, Sept. 11 and 12, 1671 - <i>Hevelius</i>	VI 3032	— 366
— Observations touching some late appearances of Saturn - - - <i>Flamstead</i>	— 3034	— —

SATURN.

	Transf.	Abridg.
SATURN. A remarkable observation on Saturn <i>Cassini</i>	XI 689	I 367
— A theory of the irregularities that may be occasioned in the annual motion of the earth by the actions of Jupiter and Saturn <i>Walmesley</i>	XLIX 737	
— (Appulses) Of the moon to Saturn, and the fixed stars, observable in the year 1671, foretold, and computed to the meridian and latitude of London - <i>Flamsteed</i>	V 2029	— 453
— (Belt) Observation on two belts of Saturn in 1766 - <i>M. Messier</i>	LIX 454	
— A belt on the disc of Saturn described <i>M. Messier</i>	LXVI 543	
— (Conjunction) An account of three late conjunctions of Saturn and Jupiter, within the space of seven months; together with an account of what other conjunctions of them have happened for more than 100 years last past, beginning at 1563; and a table computed, whereby to make an estimate of what other conjunctions have happened for the time past, or what will happen for the time to come <i>Flamsteed</i>	XIII 244	— 389
— A short account of the three great conjunctions of Saturn, Jupiter, and Mars, at Dantzick, in 1682 and 1683 - <i>Hevelius</i>	— 325	— 395
— (Occultation of) Observations concerning Saturn obscured by the moon, June 1, 1671 <i>Hevelius</i>	VI 3027	— 347
— Observation on the occultation of Saturn by the moon, Feb. 7, 1678 - <i>Bullialdus</i>	XII 969	— 353
— An account of an occultation of Saturn by the moon, March 19, 1687 observed at Totteridge, near London, latitude $51^{\circ} 39'$ - <i>Haines</i>	XVI 268	— 365
— (Ring of) Appearance of his ring in 1670 <i>Hugens and Hook</i>	V 2093	— 366
— Observations concerning Saturn's ring, made at Paris - <i>Anon.</i>	VI 3024	— —
— Letter on the foregoing observations on Saturn's ring - <i>Hugens</i>	— 3026	— —
— Of the disappearing of Saturn's ring in 1743 and 1744 - <i>Herschel</i>	XLII 602	VIII 228
— The disparition of Saturn ring in 1773 <i>Varela</i>	LXIV 112	
— (Satellites) A discovery of two new planets about Saturn, made at Paris - <i>Cassini</i>	VIII 5178	I 367
— Some new observations concerning the two planets about Saturn, formerly discovered by him - <i>Cassini</i>	XII 831	— 368

	Transl.	Abridg.
SATURN (Satellites.) A correction of the theory of the motion of the fourth satellite of Saturn <i>Halley</i>	XIII 82	I 370
— An account of two new satellites of Saturn, lately discovered at Paris <i>Cassini</i>	XVI 79	— 369
— Corrections of the theory of the five satellites of Saturn, with tables of the motions of those satellites, adapted to the meridian of London, and the Julian account <i>Cassini</i>	— 299	— 376
— Arcification of the motions of the five satellites of Saturn; with some accurate observations of them <i>Pound</i>	XXX 768	IV 320
— Corrected tables of the motion of the five satellites of Saturn <i>Cassini and Pound</i>	— 776	— 323
— Observations on the satellites of Jupiter and Saturn <i>Hadley</i>	XXXII 385	VI 221
SAVERY. Letter concerning a paper of Servington Savery, relating to his invention of a new micrometer by means of divided object-glasses, or divided object-speculum <i>Sherri</i>	XLVIII 165	
SAUNDERSON. See <i>Equations</i>		
SAXON. Vide <i>Coins</i>		
SCALE. A scale of the gradation of heat <i>Anon.</i>	XXII 824	IV 21
SCALE OF MUSIC. A letter of the various genera and species of music among the antients, with some observations concerning their scale <i>Pepusch</i>	XLIV 266	X 261
SCALES OF THE MOUTH. Letters concerning scales within the mouth, and the scaly child that was shewn <i>Leeuwenboock</i>	XIV 586	III 684
SCALES OF FISH. Of the phenomena of a scale fish in an exhausted receiver <i>Boyle</i>	V 2024	
— An abstract of a letter concerning the scales of eels <i>Leeuwenboock</i>	XV 883	— —
— Microscopical observations on the scales of fish, &c. <i>Leeuwenboock</i>	XVII 949	— 685
SCALLOP. The anatomy of the scallop <i>Lister</i>	XIX 567	II 829
SCAPULA. Part of a letter concerning the coming off of the scapula and head of the os humeri, upon a mortification <i>Derante</i>	XXXII 15	VII 676
SCARABÆUS GALEATUS PULSATOR. An account of the scarabæus pulsator, or the death-watch <i>Stackhouse</i>	XXXIII 159	— 407
SCARBOROUGH SPAW. Some considerations relating to Dr. Wittie's defence of Scarborough Spaw, with a brief account of a less considerable spring in Somersetshire, and of a medical spring		

	Transf.	Abridg.
in Dorsetshire - - - <i>Higburre</i>	IV 1128	II 333
SCHECHALLIEN. An account of observations made on the mountain Schechallien for finding its attraction - - - <i>Maske lye</i>	LXV 500	
— An account of the calculations made from the survey and measures taken at Schechallien, in order to ascertain the mean density of the earth <i>Hutton</i>	LXVIII 689	
SCILLY. An advertisement necessary for all Lizard and Scilly navigators, bound up the channel of England, laid down too far northerly <i>Anon.</i>	XXII 725	I 585
SCIRRHOUS TUMOUR. A relation of a scirrhus tumour included in a cystis, &c. <i>Ruffel</i>	XXVIII 276	V 220
— An observation on a schirrus of the cerebellum <i>Haller</i>	XLIII 100	
— A letter concerning a scirrhus tumour of the uterus - - - <i>Templeman</i>	XLIV 285	XI 1021
SCIURUS VOLANS. De sciuro volante, five mura Pontico aut Scythico Gesneri, & vespertilionis admirabili Bontii, dissertatio - - - <i>Sloane</i>	XXXVIII 32	IX 76
SCOLOPENDRA MARINA. Account of a not yet described scolopendra marina - - - <i>Molyneux</i>	XIX 405	II 833
— A supplement to the account of a scolopendra marina - - - <i>Molyneux</i>	XXI 127	— 836
SCOTLAND. Advertisements occasioned by the remarks printed in N ^o 14, upon frosts in some parts of Scotland, differing in their anniversary seasons and force from our ordinary frosts in England; of black winds and tempests; of the warm and fertilizing temperature and steams of the earth, stones, rocks, springs, waters (some, in some places, more than others in other places) of petrifying and metallizing waters; with some hints for the horticulture of Scotland - - - <i>Beal</i>	X 357	II 151 396 741 744 749
— Several observations in the north islands of Scotland - - - <i>Martin</i>	XIX 727	III 543
— An account of some stones and plants lately found in Scotland - - - <i>Sibbald</i>	XXII 673	
— Letter concerning a second volume of his Prodromus historię naturalis Scotiæ - - - <i>Sibbald</i>	XXV 2314	V 25
— Extracts of letters containing observations in natural history and antiquities in his travels through Wales and Scotland - - - <i>Lhwyd</i>	XXVIII 93	V 2 123
— An account of a production of nature at Dun-		

	Transf.	Abridg.
bar in Scotland, like that of the Giants Causeway in Ireland - <i>Bishop of Ossory</i>	LII 98	
An account of some productions of nature in Scotland resembling the Giants Causeway in Ireland - <i>Mendez da Costa</i>	— 103	
— Vide <i>Antiquities, Natural History</i>		
SCRATCH. Of a venomous scratch with the tooth of a porpoise, its symptoms and cure <i>Lister</i>	XIX 726	II 842
SCULPTURE. A relation of the conference held at Paris, in the Academy Royal, for the improvement of the art of painting and sculpture <i>Journal des Scavans</i>	IV 953	I 603
— An account of several Roman sepulchral inscriptions and figures in bas relief, discovered in 1755 at Bonn, in Lower Germany <i>Strange</i>	LIX 195	
SCURVY. A relation of some strange and wonderful effects of the scurvy, which happened at Paris in the year 1699 - <i>Poupart</i>	XXVI 223	V [359]
— Observations on the scurvy - <i>Mertens</i>	LXVIII 661	
SCURVY-GRASS. Query concerning the scurvy-grass of Greenland, proposed to such as use the Greenland trade - <i>Nicholson</i>	XLI 317	VIII 765
SEA. Some considerations touching a letter in the Journal des Scavans concerning ways of sounding the depth of the sea without a line, and fetching up water from the bottom of it <i>Oldenburg</i>	I 228	II 364
— Observations made in mines, and at sea, occasioning a conjecture about the origin of wind <i>Colepreffe</i>	II 481	— 105
— Animadversions upon Dr. Wallis's hypothesis about the flux and reflux of the sea <i>Childrey</i>	V 2061	— 279
Answer to the above - <i>Wallis</i>	— 2068	— 283
— An estimate of the quantity of vapour raised out of the sea by the warmth of the sun; derived from an experiment shewn before the Royal Society - <i>Halley</i>	XVI 366	
— An account of the circulation of the watry vapours of the sea, and of the cause of springs <i>Halley</i>	XVII 468	— 126
— A letter concerning the luminous appearance observable in the wake of ships in the Indian seas - <i>Bourzes</i>	XXVIII 230	V 2 213
— A short account of the cause of the saltness of the ocean, and of the several lakes that emit		

	Transf.	Abridg.
no rivers; with a proposal, by help thereof, to discover the age of the world. <i>Halley</i>	XXIX 296	— 216
SEA. The art of living under water; or, a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depths <i>Halley</i>	— 492	V 2 188
— An attempt to account for the rising and falling of the water of some ponds near the sea, of ebbing and flowing rivers; where the water is lowest in the pond at the time of high water in the sea or river, and the water is highest in the pond at the time of low water in the sea or river; as also for the encreasing or decreasing of the water of such pools or brooks as are highest in the dry seasons, and lowest in the rainy seasons; with an experiment to illustrate the solution of these phenomena — — — <i>Desaguliers</i>	XXXIII 132	VI 2 16
— A letter relating to a surprising shoal of pumices found floating on the sea <i>Dow</i>	XXXV 446	
— An account of an extraordinary fire-ball bursting at sea — — — <i>Chalmers</i>	XLVI 366	X 480
— An account of an unusual agitation of the sea at Ildfarcombe in Devonshire, Feb. 27, 1756 <i>Prince</i>	XLIX 642	
— An account of the agitation of the sea at Antigua, Nov. 1, 1755 — — — <i>Affleck</i>	— 668	
— Extract of a letter relating to an extraordinary agitation of the sea at Barbadoes, March 31, 1761, and an epidemical disorder in that island — — — <i>Mason</i>	LII 477	
— Experiments to prove that the luminousness of the sea arises from the putrefaction of its animal substances — — — <i>Canton</i>	LIX 446	
— An account of the result of some attempts made to ascertain the temperature of the sea in great depths, near the coasts of Lapland and Norway; as also some anecdotes collected in the former <i>Douglas</i>	LX 39	
— Observations on the milky appearance of some spots of water in the sea — — — <i>Newland</i>	LXII 93	
— Of the stilling of waves by means of oil <i>Franklin, Brownrigg, and Farish</i>	LXIV 445	
— On the degree of salubrity of the common air at sea, compared with that of the sea shore, and that of places far removed from the sea <i>Ingenhousz</i>	LXX 354	

	Transf.	Abridg.
SEA. See <i>Navigation, Tides</i>		
SEA ANIMALS. An account of the sea polypus		
— — — — — <i>Baker</i>	L 777	
— — — — — Observations upon the sea scolopendre, or sea millepes	LI 35	
— — — — — <i>Peyssonet</i>		
— — — — — <i>Sea-Lench.</i> See <i>Hirundinella marina</i>		
SEA-CHART. Letter concerning the collection of secants, and the true division of the meridians in the sea-chart	XV 1193	I 527
— — — — — <i>Wallis</i>		
SEA-PLANT. A description of a curious sea plant, frutex marinus foliis ciliatis cortice verrucoso obductus. Doodii; Raii Hist. tom. III, p. 7 et Synops. edit. 3, p. 32. Coralloides gra- nulosa alba, J. B. tom. III, p. 809. Erica marina alba frutescens; Mus. Pet. 50. Ke- ratophyton flabelliforme, cortice verrucoso obductum. Raii Sys. edit. 3, p. 32		
— — — — — <i>Sloane</i>	XLIV 51	X 706
SEA-SAND. The improvement of Cornwall by sea- sand	X 293	II 729
— — — — — Part of a letter concerning the manuring of land in Devonshire by sea-sand	XXVI 142	IV 2 301
— — — — — <i>Bury</i>		
SEA WATER. Way of making it sweet	V 2048	II 297
— — — — — <i>Hauton</i>		
— — — — — Circumstances relating to the precedent inven- tion	— 2049	
— — — — — <i>Hauton</i>		
— — — — — A table shewing to what degree air is compressi- ble in sea water, from the depth of one foot, to 1947 feet, useful to divers	VI 2192	— 201
— — — — — A supplement	— 2239	— 202
— — — — — <i>Anon.</i>		
— — — — — Observations concerning some little ani- mals observed in rain, well, sea, and snow water; as also in water where pepper had lain infused	XII 821	III 683
— — — — — <i>Leeuwenhoek</i>		
— — — — — With the manner of observing them	— 844	— —
— — — — — <i>Leeuwenhoek</i>		
— — — — — Some experiments about freezing, and the difference betwixt common fresh water ice, and that of the sea water; also a probable con- jecture about the original of the nitre of Egypt	XV 836	II 164
— — — — — <i>Lifter</i>		
— — — — — A true method of nature of distilling sweet and fresh water from the sea water, by the breath of sea plants growing in it	XIV 489	— 297
— — — — — <i>Lifter</i>		
— — — — — An account of R. Boyle's way of exa-		

	Transf.	Abridg.
mining water as to freshness and saltness; to be subjoined as an appendix to his printed letter about sweetned sea water <i>Boyle</i>	XVII 627	— 298
SEA WATER. An account of Mr. Appleby's process to make sea water fresh; with some experiments therewith <i>W. Watson</i>	XLVIII 69	
— An account of the distilling water fresh from sea water by wood ashes <i>Chapman</i>	L 635	
— Case of a young lady who drank sea water for an inflammation and tumour in the upper lip <i>Lavington</i>	LV 6	
— Experiments on water obtained from the melted ice of sea water, to ascertain whether it be fresh or not; and to determine its specific gravity with respect to other water; also experiments to find the degree of cold in which sea water begins to freeze <i>Nairne</i>	LXVI 249	
SEA. (Instruments used at) Patterns of the tables proposed to be made for observing the tides proposed in the foregoing transactions <i>Moray</i>	I 312	II 365
With other enquiries touching the sea <i>Boyle</i>	— 315	— 297
— Observations about load-stones and sea-compasses <i>Oldenburg</i>	II 423	I 584
Answer to some magnetical enquiries proposed in the above observations <i>Sellers</i>	— 478	II 601
— An account of a machine for measuring any depth at the sea with great expedition and certainty <i>Hales and Desaguliers</i>	XXXV 559	VI 2 163
— A proposal of a method for finding the longitude at sea, within a degree, or twenty leagues; with an account of the progress he hath made therein, by a continued series of accurate observations of the moon <i>Halley</i>	XXXVII 185	VI 401
— A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea, in thick and hazy weather without seeing the horizon <i>Leigh</i>	XL 413	VIII 360
— The description and use of an apparatus, added as an improvement of Davis's quadrant, consisting of a mercurial level, for taking the co-altitude of sun, or star at sea, without the usual assistance of the sensible horizon which frequently is obscured <i>Leigh</i>	— 417	— 362
— A true copy of a paper found in the hand-writing of Sir Isaac Newton, among the papers of the late Dr. Halley, describing an instrument		

	Transf.	Abridg.
for observing the moon's distance from the fixed stars at sea - - - <i>Anon.</i>	XLII 155	VIII 129
SEA. (Instruments used at) A machine for sounding the sea at any depth or in any part, invented by Mr. William Cock in the year 1738 <i>Anon.</i>	XLIV 146	X 261
— An account of the bucket sea-gage to find the different degrees of coolness and faltness of the sea - - - <i>Hales</i>	XLVII 214	
— Some experiments upon a machine for measuring the way of a ship at sea - <i>Smeaton</i>	XLVIII 532	
— A letter containing the result of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship, from time to time; together with the whole process of computation used on this occasion - <i>Maskeleyne</i>	LII 558	
— Letter giving an account of observations at sea for finding out the longitude by the moon <i>Horsely</i>	LIV 329	
SEAMEN Directions for seamen bound for far voyages - - - <i>Royal Society</i>	I 140	III 631
— An appendix to the directions - <i>Royal Society</i>	— 147	
— A list of all the seamen and watermen of every denomination in Ireland in 1697 <i>South</i>	XXII 519	— 666
SECANTS. An easy demonstration of the analogy of the logarithmic tangents to the meridian line, or sum of the secants, with various methods for computing the same to the utmost exactness <i>Halley</i>	XIX 202	I 577
— Letter containing an explanation of the late Dr. Halley's demonstration of the analogy of the logarithmic tangents to the meridian line, or the sum of the secants - <i>Robertson</i>	XLVI 559	X 256
SECRETION. Letter concerning secretions in an animal body - <i>Morland</i>	XXIII 1291	
SEED (In general.) Instances shewing the correspondence of the pith and timber, with the seed of the plant; as also of the bark, or sap in the bark, with the pulp of the fruit, or some encompassing coat or cod containing the seed - - - <i>Beal</i>	IV 919	II 710
— Letter concerning the seed of plants <i>Josephus de Aromatoriis</i>	XVIII 150	
— Observations upon the seeds of plants <i>Leeuwenhoek</i>	XXXI 200	VI 2 234

	Transf.	Abridg.
SEEDS. A method of raising some exotick seeds which have been judged almost impossible to be raised in England - <i>Miller</i>	XXXV 485	VI 2 353
— Some experiments concerning the impregnation of the seeds of plants - <i>Logan</i>	XXXIX 192	VIII 804
— The discovery of a perfect plant in semine - <i>Baker</i>	XLI 448	— 806
— A letter concerning the wonderful increase of seed of plants, <i>e. g.</i> of the upright willow - <i>Hobson</i>	XLII 320	— 824
— Some observations relating to vegetable seeds - <i>Parsons</i>	XLIII 184	X 750
— Observations upon the minuteness of some seeds of plants - <i>Baker</i>	XLVI 336	
— An account of some experiments relating to the preservation of seeds - <i>Ellis</i>	LI 206	
— A letter on the success of some experiments for preserving acorns for a whole year without planting them, so as to be in a state fit for vegetation, with a view to bring over some of the most valuable seeds from the East-Indies, to plant for the benefit of our American colonies - <i>Ellis</i>	LVIII 75	
SEEDS (particular.) An extract of a letter concerning the propagation of elms by seed - <i>Bulkley</i>	XVII 971	II 667
— Microscopical observations on eels, mites, the seeds of figs, strawberries, &c. - <i>Leeuwenhoek</i>	XIX 269	III 685
— Letter concerning the seeds of oranges - <i>Leeuwenhoek</i>	XXIII 1461	V 2 266
— Observations on the seed vessels and seeds of polypodium - <i>Leeuwenhoek</i>	XXIV 1868	— 267
— Microscopical observations on the seeds of several East-India plants - <i>Leeuwenhoek</i>	XXV 2205	— —
— A letter concerning the seed of fern - <i>Mites</i>	XLI 770	VIII 809
— A letter concerning the vegetation of melon seed 42 years old - <i>Trievald</i>	XLII 115	— 824
— A letter concerning the seeds of mushrooms - <i>Pickering</i>	— 593	— 812
— Letter concerning the vegetation of melon seed 33 years old - <i>Watson</i>	— 599	— 815
— A letter concerning the manner of seeding mosses; and in particular of the hypnum terrestris trichoides luteo virefcens vulgare majus capitulis erectis, Raii Synops: ed. 3, p. 84. - <i>Gale</i>	XLIII 265	X 761
— <i>Hill</i>	XLIV 60	— 758

	Transl.	Abridg.
SEEDS. The substance of some experiments of planting the seeds of moss - <i>Bonner</i>	XLV 156	X 795
SEMBRADOR. Description of the Spanish Sembrador, or new engine for ploughing, and equal sowing all sorts of grain, and, harrowing at once, by which a great quantity of seed-corn is saved, and a rich increase yearly gained <i>Lucatelo and Evelyn</i>	V 1056	
SEMEN. Animalculæ observed in femine humano <i>Leeuwenhoek</i>	XII 1040	
Answered by - <i>Oldenburg</i>	— 1043	
Answered by - <i>Leeuwenhoek</i>	— 1044	
With extracts from other letters. <i>Leeuwenhoek</i>	— 1045	
— Microscopical examination of the testicles of a rat, and the seed of muscles, oysters, &c. <i>Leeuwenhoek</i>	XVII 593	III 685
— Answer to the objections made to his opinions concerning the animalculæ in femine masculino <i>Leeuwenhoek</i>	XXI 270	— 686
Further observations on the animalculæ in femine masculino - <i>Leeuwenhoek</i>	XXII 739	
— Several microscopical observations and experiments concerning the animalculæ in femine masculino of cocks and spiders <i>Leeuwenhoek</i>	XXIII 1137	V 2 264
— Part of a letter containing some microscopical observations upon the animalculæ in femine of young rams - <i>Leeuwenhoek</i>	XXVII 316	— - 267
— A letter containing observations upon the seminal vessels, muscular fibres, and blood of whales - <i>Leeuwenhoek</i>	— 438	— - —
— Observaciones de viis feminis - <i>Haller</i>	XLVI 340	XI 109
SENEGAMBIA. Remarks on the country of Senegambia - <i>Schott</i>	LXX 478	
SENSE. A further account concerning the existence of veins in all kinds of plants, together with a discovery of the membranous substance of those veins, and of some acts in plants resembling those of sense; and also of the agreement of the venal juice in vegetables, with the blood of animals, &c. - <i>Lifter</i>	VII 5131	II 693
SEPULCHRE. The verbal process upon the discovery of an antient sepulchre, in the village of Cocherel, upon the river Eure, in France <i>Anon.</i>	XVI 221	III 443
— A copy of an antient chirograph, or convey-		

	Transl.	Abridg.
ance of part of a sepulchre cut in marble, lately brought from Rome, with some observations upon it <i>R. Gale</i>	XXXIX 211	IX 433
SEPULCHRAL INSCRIPTIONS. An attempt to explain two Roman inscriptions, cut upon two altars, which were dug up same time since at Bath <i>Ward</i>	XLIV 285	XI 1021
— An account of several Roman sepulchral inscriptions and figures in bas relief, discovered in 1755, at Bohn, in Lower Germany <i>Strange</i>	LIX 195	
SEPULCHRAL MONUMENTS. Vide <i>Antiquities</i>		
SERAPIS. An account of the temple of Serapis at Pozzuoli, in Naples <i>Nixon</i>	L 166	
SERIES. A solution of the 15th general problem proposed by Mr. de. Moivre, in his treatise De Mensura Sortis <i>Bernoulli</i>	XXIX 133	V 2 255
Another general solution of the preceding problem, with the assistance of combinations and infinite series <i>De Moivre</i>	— 145	— 266
— A treatise of infinite series <i>Monmort</i>	XXX 633	IV 90
Appendix, in which the matter is treated in a different manner <i>Taylor</i>	— 676	— 130
An addition <i>Taylor</i>	— 683	— 135
— Of the fluents of multinomials and series affected by radical signs which do not begin to converge till after the second term <i>Simpson</i>	XLV 328	X 1
— An invention of a general method for determining the sum of every 2d, 3d, 4th, or 5th, &c. term of a series, taken in order, the sum of the whole being known <i>Simpson</i>	L 757	
— A new method of computing the sums of certain series <i>Landen</i>	LI 553	
— A new and general method of finding simple and quickly converging series; by which the proportion of a diameter of a circle to its circumference may easily be computed to a great number of places of figures <i>Hutton</i>	LXVI 476	
— A method of finding the value of an infinite series of decreasing quantities of a certain form, when it converges too slowly to be summed in the common way, by the mere computation and addition or subtraction of some of its initial terms <i>Majores</i>	LXVII 187	
— A method of finding by the help of Sir Isaac		

	Transl.	Abridg.
Newton's binomial theorem, a near value of the very slowly converging infinite series $x + \frac{x^2}{2} + \frac{x^3}{3} + \frac{x^4}{4} + \frac{x^5}{5}$, &c. when x is very nearly equal to 1	<i>Maseres</i> LXVIII 895	
SERIES. Of cubic equations and infinite series	<i>Hutton</i> LXX 387	
SERPENT. Of the nature of a certain stone found in the Indies, in the head of a serpent	<i>Fernati</i> I 102	II 814
— Observations touching the bodies of snakes and vipers	<i>Oldenburg</i> — 138	— 811
— A relation of the symptoms that attended the death of Mr. R. Burdett, an English merchant at Aleppo, who was killed by the bite of a serpent	<i>Goodyear</i> XX 351	— 813
— An account of the serpents in the Island of Ceilan	<i>Strachan</i> XXIII 1094	V 2 179
— Account of serpents at the Philippines	<i>Camelli</i> XXV 2266	V 183,
— Letter from Bombay, giving an account of a porcupine swallowed by a snake	<i>Anon.</i> XLIII 271	XI 855
— A letter concerning the property of water efts, in slipping off their skins as serpents do	<i>Baker</i> XLIV 529	— 857
SERPENT STONE. A letter containing accounts of the pretended serpent stone, called Pietra de Cobra de Cabelos	<i>Sleane</i> XLVI 118	— 910
SERUM. An observation of a white liquor, resembling milk, which appeared instead of serum, separated from the blood after it had stood some time	<i>Stuart</i> XXXIX 289	IX 193
SEX. Observations of a difference of sex in mistleto	<i>Barret</i> XXXV 547	VI 2 251
— Account of a monstrous fœtus without any marks of sex	<i>Baister</i> XLVI 479	XI 1208
SHARK. An account of the blue shark, together with a drawing of the same	<i>W. Watson, jun.</i> LXVIII 789	
SHEEP. Method to prevent the rot in sheep	<i>Boyle</i> VIII 7002	
— Some inquiries and suggestions concerning salt for domestic uses; and concerning sheep, to preserve them, and to improve the race of sheep for hardiness, and for the finest drapery	<i>Beal</i> IX 48	II 912
— An account of a lamb suckled by a wether sheep for several months after the death of the ewe	<i>Kirke</i> XVIII 263	— 869
Second letter on the same	<i>Kirke</i> — 264	

SHEEP.

	Transf.	Abridg.
SHEEP. Letter concerning the worms in sheep's livers <i>Leeuwenhoek</i>	XXII 509	III 688
— Part of a letter concerning worms observed in sheep's livers and pasture grounds <i>Leeuwenhoek</i>	XXIV 1522	V 2 266
— A letter concerning worms in the heads of sheep <i>Thorpe</i>	— 1800	V 16
— Of hydatides inclosed with a stony crust in the kidney of a sheep <i>Cowper</i>	XXV 2304	— 54
— Observations upon a foetus, and the parts of generation of a sheep <i>Leeuwenhoek</i>	XXXII 151	VII 445
— Extract of a letter concerning a wether giving suck to a lamb; and of a monstrous lamb <i>Doddridge</i>	XLV 502	IX 1218
— Some account of a sheep having a monstrous horn growing from his throat <i>Parsons</i>	XLIX 183	
SHELL. Observations upon shells found upon inland mountains <i>Septalius</i>	II 493	II 425
— Observations concerning the odd turn of some shell-fossils <i>Anon.</i>	IV 1011	— 822
— Phænomena afforded by shell-fishes in an ex- hausted receiver <i>Boyle</i>	V 2023	I 304
— An abstract of a letter, giving an account of a shell found in one of the kidneys of a woman <i>Peirce</i>	XV 1018	III 162
— Some notes on Dr. Swammerdam's book of in- sects, and on that of Steno concerning petrified shells <i>Lifter</i>	VI 2219	II 765
— Observations upon Steno's book of petrified shells <i>Lifter</i>	— 2281	— 425
— Three queries relating to shells proposed by S. Dale, and answered by <i>Lifter</i>	XVII 641	III 312
— The description of certain shells found in the East-Indies <i>Witzen and Lifter</i>	— 870	II 826 — 831
— An account of several shells observed in Scotland <i>Sibbald</i>	XIX 321	— 325 III 685
— A catalogue of shells, &c. gathered at the island of Ascension, with plants observed thereon <i>Cunningham</i>	XXI 295	II 252
— Letter concerning Broughton, in Lincolnshire, with observations on the shell-fish observed in the quarries about that place <i>De la Pryme</i>	XXII 677	— 428
— Account of beds of oyster-shells found near Reading, Berkshire <i>Brewer</i>	— 844	
— A description of some shells found on the Mo- luca Islands <i>Petiver</i>	— 9 27	IV 2 285 SHELL.

	Transf.	Abridg.
SHELL. A letter concerning Harwich Cliff, and the fossil shells found there - <i>Dale</i>	XXIV 1568	IV 2 264
— An account of animals and shells sent from Carolina - <i>Petiver</i>	— 1952	— 325
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer, of Zurich, sent to J. Petiver <i>Anon</i>	— 2042	— 286
— A catalogue of the minerals, petrified shells, and other fossils sent from C. M. Spener, of Berlin to J. Petiver	— 2082	— —
— A letter containing a relation of river, and other shells, digged up, together with various vegetable bodies, in a bituminous marshy earth, near, Mear's Ashby, in Northamptonshire - <i>Morton</i>	XXV 2210	— 181
— An account of some turbinated, bivalve, and univalve shells from the Philippines <i>Camelli</i>	— 2397	V 2 18
— An account of petrified shells by Corn. le Bruyn, illustrated by - <i>Klein</i>	XLI 568	VII 735
— Observations on the hardness of shells <i>Collinson</i>	XLIII 37	XI 861
— A letter concerning the manuring of land with fossil shells - <i>Pickering</i>	— 191	X 796
— A letter containing some observations upon certain shell-fish lodged in a large stone brought from Mahon harbour, by Mr. Samuel More <i>Parsons</i>	XLV 44	XI 862
— Letter concerning the shells of crabs <i>Parsons</i>	XLVII 439	
SHELL-LAC. An account of an experiment touching the freezing of common water tinged with a liquid said to be extracted from shell-lac <i>Hauksbee</i>	XXVI 304	VI 2 182
SHELTON. Observations on a clock of Mr. John Shelton, made at St. Helena <i>Mackelyne</i>	LII 434	
SHIELD. Letter concerning a Roman shield <i>Thoresby</i>	XX 205	
SHINING. Observations about shining worms in oysters - <i>Anon.</i>	I 203	III 826
— Some observations about shining flesh <i>Boyle</i>	VII 5108	— 641
— Two instances of something remarkable in shining flesh - <i>Beal</i>	XI 599	— 644
— An account of four sorts of facitious shining substances - <i>Oldenburg</i>	XII 867	— 345
SHIPS. A letter about preserving ships from being worm-eaten - <i>Journal des Scavans</i>	I 190	I 596

	Transf.	Abridg.
SHIPS. An account of the advantage of Virginia for building ships - - <i>Anon.</i>	VIII 6015	III 255
— A new way, by an English manufacture, to preserve the hulls of ships from the worm, &c. better for sailing, and more cheap and durable, than any sheathing or graving hitherto used - - <i>Bulkeel</i>	— 6192	I 596
— An account of the manner of bending planks in his Majesty's yards at Deptford, &c. by a sand heat invented by Captain Cumberland - - <i>Cay</i>	XXXII 75	VI 467
— An account of a new machine called the marine surveyor, contrived for the mensuration of the way of a ship in the sea, more correctly than by the log, or any other method hitherto used for that purpose, together with several testimonials setting forth the usefulness of this invention - - <i>Saumarez</i>	XXXIII 411	VI 444
— A further account of a new machine called the marine surveyor, designed for the mensuration of the way of a ship at sea, more certainly than by the log, at present in use, or any other method hitherto invented for that purpose. <i>De Saumarez</i>	XXXVI 45	— 456
— An account of the horn of a fish struck several inches into the side of a ship - - <i>Mortimer</i>	XLI 861	IX 72
— Method of preventing ships from leaking, whose bottoms are eaten by the worms <i>Cook</i>	XLIII 370	XI 1391
— An account of the great benefit of ventilators, in many instances, in preserving the health and lives of people in slave and other transport ships - - <i>Hales</i>	XLIV 332	
— Observations on the utility of ventilators in a ship - - <i>Hales</i>	XLVII 211	
— Some experiment upon a machine for measuring the way of a ship at sea - - <i>Smeaton</i>	XLVIII 532	
— An account of an extraordinary operation in the dock yard at Portsmouth <i>Robertson</i>	L 288	
— Some suggestions concerning the preventing the mischiefs which happen to ships; and their masts, by lightning - - <i>W. Watson</i>	LII 629	
— An account of the effects of lightning on three ships in the East-Indies, Aug. 1, 1750 <i>Veicht</i>	LIV 284	
— An account of the appearance of lightening on		

	Transl.	Abridg.
a conductor, fixed from the summit of the main mast of a ship down to the water <i>Winn</i>	LX 188	
— An account of a method for the safe removal of ships that have been driven on shore and damaged in their bottoms, to places (however distant) for repairing them <i>Barnard</i>	LXX 100	
SHOE. See <i>Antiquities</i>		
SHOOTING. An account of an experiment of shooting by the rarefaction of the air — <i>Papin</i>	XVI 21	I 496
— Observations on the death of a dog on firing a volley of small shot — <i>Clarke</i>	XIX 779	III 650
— A brief narrative of the shooting of Dr. Robert Fielding; with a musket ball, and its strange manner of coming out of his head, where it had lain near 30 years, written by himself <i>Fielding</i>	XXVI 317	V 205
— Case of a lad shot through the lungs, drawn up by N. Peters — <i>Hallist</i>	XLIII 151	XI 966
SHORT-HAND. The elements of a short-hand <i>Jeake</i>	XLV 345	XI 1381
— A letter containing some remarks on Mr. Jeake's plan for short-hand <i>Byrom</i>	— 388	— 1384
SHOULDER. The description of an instrument for reducing a dislocated shoulder <i>Freke</i>	XLII 556	IX 264
— An account of a case in which the upper head of the os humeri was sawed off, a large portion of the bone afterwards exfoliated, and yet the entire motion of the limb was preserved <i>White</i>	LVI 39	
— An extraordinary case of three pins swallowed by a girl, and discharged at the shoulder <i>Lysons</i>	LIX 9	
SHROPSHIRE. See <i>Coins</i>		
SHUTTLE. Account of a shuttle-spire taken out of the bladder of a boy — <i>Arderon</i>	XLIII 194	XI 951
SHWAN-PAN. An account of new invented arithmetical instruments, called a shwan-pan, or Chinese account table — <i>Smethurst</i>	XLVI 22	X 13
SIBERIA. An account of some observations and experiments made in Siberia, extracted from the preface to the Flora Siberica, five historia plantarum Siberiæ cum tabulis ære incisæ auct. D. Gmelin — <i>Fothergill</i>	XLV 248	XI 1333
— Account of the iron ore lately found in Siberia <i>Pallas</i>	LXVI 523	

	Transl.	Abridg.
SIDON. A dissertation upon the Phœnician numeral characters antiently used at Sidon <i>Swinton</i>	L 791	
SIEVE. Κοοκκινον Ερατοσθεους or the sieve of Eratosthenes, being an account of his method of finding all the prime numbers - <i>Horsley</i>	LXII 327	
SIGHT. A letter concerning an optical experiment conducive to a decayed sight <i>Anon.</i>	III 727	III 41
With another confirming the former, and adding some other observations about sight <i>Anon.</i>	— 729	II 684
And a note relating to the same <i>Anon.</i>	— 765	
And another note about the same empty tubes <i>Anon.</i>	— 802	
— The use of telescopic sights in astronomical observations - <i>Hevelius</i>	IX 27	I 221
— Extracts from Mr. Gascoigne's and Mr. Crabtree's letters, proving Mr. Gascoigne to be the inventor of the telescopic sights of mathematical instruments, and not the French <i>Derham</i>	XXX 603	IV 345
— Observations on some deceptions of sight through compound microscopes <i>Gmelin</i>	XLIII 382	X 761
— An account of a remarkable imperfection of sight - - <i>Scott</i>	LXVIII 611	
— See <i>Microscope, Telescope</i>		
SILCHESTER. A description of the town of Silchester in its present state - <i>Ward</i>	XLV 603	XI 1267
SILK. Observations made on the ordering of silk-worms - <i>Digges</i>	I 26	II 756
— Account of a book on the designed progress to be made in the breeding of silk-worms, and the making of silk in France - <i>Oldenburg</i>	— 87	
— A letter concerning an unusual way of propagating mulberry trees in Virginia, for the better improvement of the silk work; together with some particulars tending to the good of that plantation - <i>Moray</i>	I 201	— 653
— Of the nature of silk as it is made in Piedmont <i>Aglionby</i>	XXI 183	— 757
— A letter giving several experiments and observations on the production of silk worms, and of their silk in England, as made last summer <i>Barham</i>	XXX 1036	V 19
SILK-POD. An account of a particular species of cocoon, or silk-pod, from America <i>Puller</i>	LI 54	

	Transf.	Abridg.
SILK-REEL: A new improved silk-reel <i>Pullein</i>		
SILVER. A way of gilding gold upon silver <i>Southwell</i>	XX 296	III 657
— Observations on the dissolution of silver <i>Leeuwenhoek</i>	XXIII 1430	V 2 266
— Observations on staining the fingers with a solution of silver in aqua fortis <i>Leeuwenhoek</i>	XXIV 1794	— - 267
— Part of a letter concerning the particles of silver dissolved in aqua fortis - <i>Leeuwenhoek</i>	XXV 2425	— - —
— A letter containing some microscopical observations upon the chrysalized particles of silver dissolved in aqua fortis - <i>Leeuwenhoek</i>	XXVII 20	— - —
SIMPSON, MATTHEW. See <i>Stone</i>		
SINAI. A letter containing an account of his journey from Cairo, in Egypt, to the Written Mountains in the Desert of Sinai <i>Montagu</i>	LVI 40	
SINGING. An account of one who had no ear to music, naturally fingering several tunes in a delirium <i>Doddridge</i>	XLIV 596	XI 1084
SINKING. An account of the subsiding or sinking down of a hill near Clogher, in Ireland <i>Bishop of Clogher</i>	XXVIII 267	IV 2 250
— Account of a very uncommon sinking of the earth near Folkestone in Kent <i>Sacchetti</i>	XXIX 469	— - 248
— An account of the sinking of three oaks into the ground at Manington, in Norfolk <i>Neve</i>	XXX 766	— - 252
— An uncommon sinking of the ground at Lymne in Kent - <i>Anon.</i>	XXXV 551	VI 2 203
— A narrative of an extraordinary sinking down and sliding away of some ground at Pardices near Auvergne - <i>Anon.</i>	XLI 272	VIII 704
— An account of the sinking down of a piece of ground at Horshford, in Norfolk <i>Arderon</i>	XLIII 527	X 587
SINUOUS ULCERS. An account of the cure of two sinuous ulcers possessing the space of the whole arm, with the extraordinary supply of a callus, which fully answers the purposes of the os humeri, lost in time of cure <i>Fawler</i>	XXV 2466	V 388
SIPHON. A letter concerning the Wurtemberg engine <i>Davis</i>	XV 846	I 537
— The description of a siphon, performing the same things with the Siphon Wurtembergicus <i>Papin</i>	— 847	— 538
— Letter concerning the Siphon Wurtembergicus <i>Reijsius</i>	— 1272	— 539
SIRIUS. Some remarks on a late essay of Mr. Cassini,		

wherein

	Transf.	Abridg.
wherein he proposes to find by observation the parallax and magnitude of Sirius <i>Halley</i>	XXXI 1	VI 163
SIRIUS. A proposal for discovering the annual parallax of Sirius - <i>Maskeelyne</i>	LI 889	
SITUATION. Observations for settling the proportion, which the decrease of heat bears to the height of situation <i>Thomas Heberden</i>	LV 126	
SIZE. On the degree of heat which coagulates the blood, the lymph, and the serum of the blood, with an enquiry into the causes of the inflammatory crust, or size, as it is called <i>Hewson</i>	LX 384	
SKELETON. An account of an extraordinary human skeleton, whose vertebræ of the back, the ribs, and several bones down to the os sacrum, were all firmly united into one solid bone, without jointing or cartilage <i>Connor</i>	XIX 21	III 292
— An account of the skeleton of an elephant lately dug up at Tonna - <i>Tentzelius</i>	— 757	II 438
— An account of the impression of the almost entire skeleton of a large animal, in a very hard stone, found at Eliton, near Newark, Nottinghamshire <i>Stukeley</i>	XXX 903	IV 2 272
— An account of part of two human skeletons petrified - <i>Scheuchzer</i>	XXXIV 38	IV 2 205
— An account of an human skeleton of an extraordinary size, found in a repository at Repton, in Derbyshire, together with some examples of long life - <i>Degg</i>	XXXV 363	VII 4 29
— An account of an extraordinary skeleton <i>Bishop of Corke</i>	XLI 810	IX 245
Another account - <i>Copping</i>	— 816	— 247
Another account - <i>Shadwell</i>	— 820	— —
— Letter giving an account of a fossil skeleton of a man found near Bakewell, in Derbyshire <i>Gale</i>	XLIII 266	X 793
SKIN. The description and use of the pores in the skin of the hands and feet - <i>Grew</i>	XIV 566	III 9
— Of the scalynefs of the skin <i>Leeuwenhoek</i>	XVII 646	— 684
— An extract of a letter on the little scales found on the cuticula - <i>Leeuwenhoek</i>	— 838	— 685
— Microscopical observations on the skin of the hand, &c. - <i>Leeuwenhoek</i>	— 949	— —
— Some remarks upon the disposition of the parts and microscopical observations upon the contexture of the skin of elephants <i>Leeuwenhoek</i>	XXVII 518	
— An abstract from the minutes of the Royal		

	Transf.	Abridg.
Society, containing an uncommon case of a distempered skin - <i>Machin</i>	XXXVII 299	IV 105
SKIN. Account of a remarkable disease of the skin <i>Vater</i>	XXXIX 199	— 117
— A letter concerning the property of water cfts in slipping of their skins as serpents do <i>Baker</i>	XLIV 529	XI 857
— An account of an extraordinary disease of the skin, and its cure, accompanied with a letter of the Abbé Nollet - <i>Crusio</i>	XLVIII 579	
— A supplement to the account of a distempered skin, published in vol. xxxvii. p. 299, of the Philotophical Transactions <i>Baker</i>	XLIX 21	
— Extract of a letter concerning the cuticular glove <i>Gooch</i>	LIX 281	
SKINS (Buck and Doe) The method the Indians, in Virginia and Carolina, use to dress buck and doe skins - <i>Southwell</i>	XVII 533	II 825
SKULL. An extract concerning a deformed human skull - <i>Dupre</i>	XXI 138	III 295
— A letter, serving to accompany the pictures of the extraordinary fossil skull of an ox, with the core of the horns - <i>Klein</i>	XXXVII 427	VII 4 101
SKY. Account of a luminous appearance in the sky, seen at London, March 13, 1734-5 <i>Bevis</i>	XLI 347	VIII 670
SLATE. Account of Irish slate <i>Phil. Soc. at Oxford</i>	XX 271	II 462
— Some considerations touching the variety of slate, together with a computation of the charges in general for covering houses there-with - <i>Colepreff</i>	IV 1009	I 588
SLEEP. An account of a person who took a great quantity of opium without causing sleep <i>Anon.</i>	XXII 999	V [357]
— A relation of an extraordinary sleepy person at Tinsbury, near Bath <i>Oliver</i>	XXIV 2177	V [353]
SLIME. The anatomy of the slime, within the guts, and the use thereof - <i>Leeuwenhoek</i>	XIV 586	III 484
— Letter giving an account of a viscous slime, or Byssus, left after a flood in the territory of the Landgrave of Thurlingue, with observations thereupon by Mr. Watson <i>Boje</i>	XLVIII 358	
SLOES. An account of the mischiefs ensuing the swallowing of the stones of bullace and sloes <i>Derham</i>	XXIX 484	V 267
SLOW-WORM. Of the long continuance of one alive in a vacuum made in the pneumatick engine <i>Boyle</i>	V 2049	III 147

	Transf.	Abridg.
SMALL-POX. The case of a woman big with child, who recovered of the small-pox, and was afterwards delivered of a dead child full of the pustules of that distemper <i>Derham</i>	XXXVIII 165	V 313
— An account of a remarkable instance of the infection of the small-pox <i>Jurin</i>	XXXII 191	VII 621
— Part of two letters concerning a method of procuring the small-pox, used in South Wales <i>Williams</i>	— 262	— 618
Another letter upon the same subject <i>Williams</i>	— 264	— 619
Another from Haverford-West <i>Wright</i>	— 267	— 620
— A short account of the anomalous epidemic small-pox, at Plymouth, beginning in August, 1724, and continuing to June, 1725 <i>Huxham</i>	XXXIII 379	— 623
— A letter giving an account of the condition of the town of Hastings, after it had been visited by the small-pox — <i>Frewen</i>	XXXVII 108	— 632
— A letter concerning a person who made bloody urine in the small-pox, and recovered <i>Dodd</i>	XLH 559	IX 211
— A letter concerning the use of the Peruvian bark in the small-pox — <i>Wiimot</i>	XLIV 583	XI 1035
— Case of a lady who was delivered of a child, which had the small-pox appeared in a day or two after its birth — <i>Mortimer</i>	XLVI 233	— 1041
Some account of the foetus in utero, differently affected with the small-pox <i>William Watson</i>	— 235	— 1042
— A letter of the use of the bark in the small-pox — <i>Bayly</i>	XLVII 27	
— Account of a woman who had the small-pox during pregnancy, and who seemed to have communicated the same disease to the foetus <i>John Hunter</i>	LXX 128	
— See <i>Inoculation</i>		
SMALT. Letter concerning cobalt, and the preparations of smalt and arsenic — <i>Krieg</i>	XXIV 1754	V 420
SMELTS. An account of the degenerating of smelts <i>Dudley</i>	XXXII 231	VI 2 379
SMOAK. An account of an engine that consumes smoak, shewn lately at St. Germain's fair in Paris — <i>Justell</i>	XVI 78	III 638
— An account of a case of a young man stupified by the smoak of sea coal — <i>Frewen</i>	LII 454	
SMYRNA. Observations in travels from Venice through Istria, Dalmatia, Greece, and the		

	Tranf.	Abridg.
Archipelago, to Smyrna - <i>Vernon</i>	XI 575	
SNAILS. Extract of a letter concerning the first part of his tables of snails, together with some queries relating to those insects, and the tables themselves - <i>Lifter</i>	IX 96	II 112
— Observations concerning the eggs of snails, &c. <i>Leeuwenhoek</i>	XIX 790	III 685
— Observations on the limax non cochleata purpuram ferens, the naked snail, producing purple <i>Peyssonel</i>	L 585	
— A letter concerning the reviviscence of some snails preserved many years in Mr. Simon's cabinet - <i>Macbride and Simon</i>	LXIV 432	
SNAKE. See <i>Rattle-Snake. Serpent.</i>		
SNIPE. An account of a new-discovered species of snipe or tringa - <i>Edwards</i>	L 255	
SNOW. A way of preserving ice and snow by chaff <i>Ball</i>	I 139	— 240
— Observations touching the nature of snow <i>Grew</i>	VIII 5193	II 148
— A particular account of the origin of fountains, and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually - <i>Anon.</i>	X 447	— 329
— Observations concerning some little animals observed in rain, well, sea, and snow water; as also in waters where pepper had lain infused <i>Leeuwenhoek</i>	XII 821	III 683
With the manner of observing them <i>Leeuwenhoek</i>	— 844	— —
— Account of a red snow at Genoa <i>Anon.</i>	— 976	II 148
— Part of a letter, giving an account of a woman who had lain six days covered with snow, without receiving any nourishment, &c. <i>Bowditch</i>	XXVI 265	V [358]
— Observations on the figures of snow <i>Langwith</i>	XXXII 298	VI 2 59
— A relation of observations concerning the falling dew, made at Middleburg, in Zeeland, by Leonard Storke, in the night between the 25th and 26th of July, 1741, with figures of the flocks of snow observed at the same place, Jan. 1742 - <i>Anon.</i>	XLII 112	VIII 502
— An account of a method of observing the wonderful configurations of the smallest shining particles of snow, with several figures of them <i>Nettis</i>	XLIX 644	

	Transf.	Abridg.
SNOW. An account of what happened at Bergemoletto, by the tumbling down of vast heaps of snow from the mountains there, in March 19, 1755, and several persons taken out alive after being buried under the snow to April 24, <i>Bruni</i>	XLIX 796	
— A letter containing an experiment to ascertain to what quantity of water a fall of snow is equal - - - <i>Brice</i>	LVI 224	
SOAL-FISH. Observations on the food of the foal-fish <i>Callinan</i>	XLIII 37	XI 861
SOAP. An account of a strange kind of earth taken up near Smyrna, of which is made soap, with the method of making it - <i>Smith</i>	XIX 228	II 457
— (Used as a medicine) Method of making soap lees and hard soap for medicinal uses <i>Geoffroy</i>	XLII 71	IX 368
— A letter concerning the relief he found in the stone from the use of Alicant soap and lime water - - - <i>Lucas</i>	XLIV 463	XI 1000
— An account of the virtues of soap in dissolving the stone, in the case of the Rev. Mathew Simson - - - <i>Pringle</i>	L 221	
— Observations on the lithontriptic virtue of soap - <i>Whytt</i>	— 386	
— See <i>Stone</i>		
SOCIAL WAR. Elucidation of an Etruscan coin, of Poestrum in Lucania, emitted from the mint there about the time of the Social War <i>Swinton</i>	LVIII 246	
SOIL. Remarks upon the nature of the soil of Naples, and its neighbourhood - <i>Hamilton</i>	LXI 1	
	— 48	
SOLANUM LETHALE. A brief botanical and medicinal history of the solanum lethale, bella donna, or deadly night shade - <i>W. Watson</i>	L 62	
SOLIDS. The dimension of the solids generated by the conversion of Hippocrates' Lunula, and of its parts about several axes, with the surfaces generated by that conversion <i>De Moivre</i>	XXII 624	I 29
— A vindication of his problem for finding the solid of least resistance - <i>Faci</i>	XXVIII 172	
— A caution to be used in examining the specific gravity of solids by weighing them in water <i>Jurin</i>	XXXI 223	VI 327
— A letter concerning the sections of a solid hitherto not considered by geometers <i>Brakenridge</i>	LI 446	
— Propositions selected from a paper on the divi-		

	Tranf.	Abridg.
tion of right lines, surfaces, and solids		
<i>Glenie</i>	LXVI 73	
SOLUTION. A letter on the solubility of iron in simple water by the intervention of fixed air		
<i>Lan</i>	LIX 216	
SOLWAY MOSS. An account of the irruption of Solway Moss on December 16, 1772	<i>Walker</i> LXII 123	
SOMERSETSHIRE. Promiscuous observations made in Somersetshire	I 323 <i>Beale</i> — 359	II 332, 423, 837
— Vide <i>Antiquities</i>		
SOMERSHAM-WATER. A letter giving an account of the Somersham water, in the county of Huntingdon	<i>Layard</i> LVI 10	
Experiments on Somersham water	<i>Morris</i> — 22	
SORBUS PYRIFORMIS. Account of the sorbus pyrifomis	<i>Pitt</i> XII 978	— 652
SOREA. An account of the sad mischief befallen the inhabitants of Sorea, near unto the Molucco's, by subterraneous fire, for which they were forced to leave their country	<i>Wissen</i> XIX 49	— 391
SOUNDS. An introductory essay to the doctrine of sounds, containing some proposals for the improvement of acousticks		
<i>Narcissus Bishop of Ferns and Leighlin</i>	XIV 472	I 508
— Some experiments and observations concerning sounds	<i>Walker</i> XX 433	— 506
— An experiment upon the propagation of sound in condensed air; together with a repetition of the same in the open field	<i>Hauksbee</i> XXIV 1902	IV 2 181
An experiment touching the diminution of sound in air rarefied	<i>Hauksbee</i> — 1904	
— Experiments and observations on the motion of sound	<i>Derham</i> XXVI 2	
— Letter on the nature and properties of sound	<i>Grandi</i> — 270	IV 414
— An account of an experiment, shewing that actual sound is not to be transmitted through a vacuum	<i>Hauksbee</i> — 367	IV 2 182
— An account of an experiment, touching the propagation of sound, passing from the sonorous body into the common air, in one direction only	<i>Hauksbee</i> — 369	— — —
— An experiment touching the propagation of sound through water	<i>Hauksbee</i> — 371	— — —
— Enquiry concerning the respective velocities of electricity and sound	<i>W. Watson</i> XLV 49	X 347

	Transl.	Abridg.
SOUND. Upon the sounds and hearing of fishes by Jac. Theod. Klein, or some account of a treatise intituled; An enquiry into the reasons why the author of an epistle, concerning the hearing of fishes, endeavours to prove they are all mute and deaf - - <i>Brocklesby</i>	XLV 233	XI 883
SOWING. See <i>Sembrador</i>		
SPACE. An account of the repetition of an experiment of the late Dr. Hooke's, concerning two liquors, which, when mixed together, will possess less space, than when separate; with another experiment confirming the same <i>Hauksbee</i>	XXVII 325	IV 2 182
SPA-WATERS. An examen of the chalybeat, or spa-waters, called by the Germans acid, or sour brunns, or fountains; but proved to be of a contrary nature, that is, alkalis <i>Stares</i>	XXVIII 247	- - 198
— An enquiry into the mineral elastic spirit in Spaw-water - - - <i>Brownrigg</i>	LV 218	
Continued - - - <i>Brownrigg</i>	LXIV 357	
SPAIN. Letters concerning some remarkable plants and insects observed in Spain - <i>Breynius</i>	XXIV 2045	V 10
— Some observations on the country of Spain <i>Brice</i>	LVI 229	
SPAR. An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds <i>Borlase</i>	XLVI 250	X 642
— An attempt to account for the formation of spars and harder crystals - <i>King</i>	LVII 58	
— A letter containing some observations on a singular sparry incrustation found in Somersetshire - <i>King</i>	LXIII 241	
SPAWN. Letter concerning the spawn of cod fish, <i>Leenwenhoek</i>	XXII 821	V 2 266
SPECIFIC GRAVITY. See <i>Gravity</i>		
SPECULUM. Experiments about making a concave speculum, nearly of a parabolick figure <i>Gray</i>	XIX 787	I 214
— A new method of improving and perfecting catadioptrical telescopes, by forming the speculum of glass instead of metal <i>Smith</i>	XLI 326	VIII 113
— See <i>Glasses, Telescope</i>		
SPEECH. Letter to Mr. Boyle concerning an essay of teaching a person deaf and dumb to speak and understand a language, with the success of it <i>Wallis</i>	V 1087	III 388

	Transf.	Abridg.
Reflections on Dr. Wallis's letter <i>Holder</i>	<i>Supp. Transf.</i>	<i>July, 1671</i>
SPEECH. An account of a young lady, born deaf and dumb, taught to speak - <i>Ellis</i>	XXIII 1416	V 2 134
— An account of two deaf persons, who can speak and understand one another by the motion of their lips - <i>Waller</i>	XXV 2468	— - 219
— A relation of a deaf and dumb person, who recovered his hearing and speech after a violent fever; with some other medicinal and chirurgical observations - <i>Martin</i>	— 2469	V [357]
— An account of Margaret Cutting, who speaks readily and intelligibly though she has lost her tongue - <i>Boddington and Baker</i>	XLII 143	
— The case of Henry Axford, who acquired the use of his tongue, after having been four years dumb, by means of a frightful dream <i>Squire</i>	XLV 148	XI 958
— Account of the organs of speech of the Orang-Outang - <i>Camper</i>	LXIX 139	
— See <i>Deaf, Dumb</i>		
SPELTER. A letter concerning spelter melting iron with pit coal - <i>Mason</i>	XLIV 370	X 671
SPERMA-CETI. An account of such whales as have the sperma-ceti in them - <i>Norwood</i>	II 565	II 844
— Account of the sperma-ceti of Bermudas <i>Stafford</i>	III 792	— 845
SPERMATIC VESSELS. An account of some uncommon anastomoses of the spermatic vessels in a woman - <i>Mortimer</i>	XXXVI 373	VII 553
SPHERE. A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual - <i>Hook</i>	I 202	I 193
— The construction and use of spherical maps, or such as are delineated upon portions of a spherical surface - <i>Coffin</i>	XXXIX 204	VIII 354
— A letter concerning the true delineation of the asterisms in the antient sphere <i>Laibam</i>	XLI 730	— 218
— A rule for finding the meridional parts to any spheroid with the same exactness as in a sphere <i>Mac Laurin</i>	— 808	— 110
— Some conjectures concerning the position of the antient sphere - <i>Latbam</i>	XLII 221	— 216
— Theory of the parallaxes of attitude for the sphere <i>Mallet</i>	LVI 244	
— A general investigation of the nature of a curve, formed by the shadow of a prolate spheroid,		upon

	Transl.	Abridg.
upon a plane standing at right angles to the axis of the shadow - - - <i>Witchel</i>	LVII 28	
SPHERE. A method of working the object glasses of refracting telescopes truly spherical <i>Short</i>	LIX 507	
SPHONDYLUM VULGARE HIRSUTUM. A letter concerning a mistake of Professor Gmelin, concerning the sphondylium vulgare hirsutum of Caspar Bauhin - - - <i>Miller</i>	XLVIII 153	
SPIDERS. Account of strange spiders-webbs in the Bermudas - - - <i>Stafford</i>	III 792	III 561
— Observations concerning the darting of spiders <i>Anon.</i>	IV 1011	II 794
— A confirmation of what was printed in N ^o 50, about the manner of spiders projecting their threads - - - <i>Wray</i>	V 2103	— 795
— — — — — <i>Lifter</i>	— 2104	— 796
— A set of curious inquiries about spiders, and a table of the several sorts of them to be found in England, amounting to, at least, 33 <i>Lifter</i>	VI 2170	— 793
— Letter on the projection of the threads of spiders <i>Lifter</i>	XIV 592	— 796
— Letter concerning spiders, their way of killing their prey, spinning their webbs, generation, &c. - - - <i>Leeuwenhoek</i>	XXII 867	V 2 266
— Several microscopical observations and experiments concerning the animalculæ in semine masculino of cocks and spiders <i>Leeuwenhoek</i>	XXIII 1137	— - 264
— A discourse upon the usefulness of the silk of spiders - - - <i>Ben</i>	XXVII 2	V 21
— An account of some spiders from the Philippines <i>Camelli</i>	— 310	— 183
— Part of a letter concerning the venom of spiders <i>Robie</i>	XXXIII 67	VII 408
SPINE. An account of a preter natural tumor on the loins of an infant, attended with a cloven spine - - - <i>Rutty</i>	XXXI 98	VI 676
— An observation of a spina bifida, commonly so termed - - - <i>Aylett</i>	XLIII 10	XI 1093
— Some observations on the spina ventosa <i>Amyana</i>	XLIV 193	— 1094
SPIRIT. A way of extracting a volatile salt and spirit out of vegetables, intimated in vol. viii. p. 7002 <i>Coxe</i>	IX 4	III 326
— A continuation of a discourse, begun in vol. ix. L 112		touching

	Transl.	Abridg.
touching the identity of all volatile salts and vinous spirits; together with two surprising experiments concerning vegetable salts, perfectly resembling the shape of those plants from whence they had been obtained <i>Coxe</i>	IX 169	III 333
SPIRIT. An account of an experiment touching the proportions of the ascent of spirit of wine between two glass planes, whose surfaces were placed at certain different distances from each other - - - <i>Hauksbee</i>	XXVIII 151	IV 2 183
Account of some farther experiments <i>Hauksbee</i>	— 153	— — —
Farther account - - - <i>Hauksbee</i>	— 155	— — —
— An account of a spiritus vini æthereus, together with several experiments tried therewith <i>Frobenius</i>	XXXVI 283	VII 744
— An experiment concerning the spirit of coals <i>Clayton</i>	XLI 59	IX 395
— Abstract of the original papers communicated to the Royal Society, concerning his spiritus vini æthereus, collected by C. Mortimer <i>Frobenius</i>	XLI 864	— 379
— An experimental enquiry into the mineral elastic spirit, or air contained in Spa-water, as well as into the mephitic qualities of this spirit - - - <i>Brownrigg</i>	LV 218	
— A continuation of an experimental enquiry concerning the nature of the mineral elastic spirit or air contained in the Pouhon water, and other acidulæ - - - <i>Brownrigg</i>	LXIV 357	
SPIRIT LEVEL. A spirit level to be fixed to a quadrant for taking a meridional altitude at sea, when the horizon is not visible <i>Hadley</i>	XXXVIII 167	VIII 357
SPITTLE. Microscopical observations concerning blood, milk, bones, the brain, spittle, cuticula, &c. - - - <i>Leeuwenhoek</i>	IX 121	III 683
SPLEEN. The texture of the spleen, &c. <i>Malpighi</i>	VI 2149	— 84
— Some remarkable observations on a diseased spleen - - - <i>Grew</i>	XVII 543	— 85
— Microscopical observations on the structure of the spleen - - - <i>Leeuwenhoek</i>	XXV 2305	V 2 267
— Observations on the glands in the human spleen <i>Douglas</i>	XXIX 499	V 256
— An account of the extirpation of part of the spleen of a man - - - <i>Ferguson</i>	XL 425	IX 149
— An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen,		

pancreas,

	Transf.	Abridg.
pancreas, liver, nor kidneys - <i>Le Cat</i>	LVII 1	
SPONGE. Microscopical observations on sponges, &c. <i>Leeuwenhoek</i>	XXIV 2158	V 2 267
— Observations upon the worms that form sponges <i>Peyssonel</i>	L 590	
— On the nature and formation of sponges <i>Ellis</i>	LV 280	
— An account of some very perfect and uncommon specimens of sponges from the coast of Italy <i>Strange</i>	LX 179	
SPOTS. An account of a negro-boy that is dappled in several parts of his body with white spots <i>Byrd</i>	XIX 781	II 8
— See <i>Jupiter, Sun</i>		
SPOUT. Letter concerning a spout of water that happened at Topsham, on the river between the sea and Exeter - <i>Mayne</i>	— 28	— 104
— An account of a water-spout observed in the Downs - <i>Gordon</i>	XXII 805	IV 2 103
— Letter concerning some water-spouts he observed in the Mediterranean - <i>Stuart</i>	XXIII 1077	— - —
— Letter concerning a water-spout observed by him in Yorkshire - <i>De la Pryme</i>	— 1248	— - 106
— Letter concerning a spout lately observed by him at Hatfield - <i>De la Pryme</i>	— 1331	— - 107
— Part of a letter, giving a relation of a wonderful fall of water from a spout upon the Moors in Lancashire - <i>Richardson</i>	XXX 1097	— - 108
— The description of a water-spout <i>Harris</i>	XXXVI 1175	VIII 655
— An extraordinary meteor seen in the county of Rutland, resembling a water-spout <i>Barker</i>	XLVI 248	X 479
— An account of a water-spout raised off the land in Deeping-Fen, Lincolnshire <i>Ray</i>	XLVII 477	
SPRING. An account of an ebbing and flowing spring in Westphalia, together with an information touching salt-springs, and the straining of salt-water - <i>Anon.</i>	I 127	II 305
— Of a remarkable spring about Paderborn, in Germany - <i>Anon.</i>	— 133	— 331
— Of some other not common springs at Basil, and in Alfatia - <i>Anon.</i>	— 134	— 332
— An account of a medical spring in Dorsetshire <i>Higmore</i>	IV 1128	— 333
— Reflections relating to mineral springs considered, in vol. iv. 1050, with an account of some such		

	Transl.	Abridg.
springs in England and other places, specifying how terrestrial steams may be the generative cause of minerals and metals, and of all the peculiarities of springs - <i>Beale</i>	V 1154	II 332
SPRINGS. Advertisements relating to springs, water, &c. - - - <i>Anon.</i>	X 357	— 396
— An account of a medicinal spring on the banks of the river Wear, or Ware. in the bishoprick of Durham - <i>1704</i>	XIV 726	— 333
— An account of the circulation of the watry vapours of the sea, and of the cause of springs <i>Halley</i>	XVII 468	— 126
— Letter concerning a medicated spring in Glamorganshire - <i>Auby</i>	XIX 727	— 333
— Conjectures upon the nature of intermitting and reciprocating springs - <i>Arwell</i>	XXXVII 301	VI 2 177
— An account of a new purging spring discovered at Dulwich, in Surrey - <i>Martin</i>	XLI 825	VIII 653
— Experiments by way of analysis upon the water of the Dead Sea, upon the hot springs near Tiberiades, and upon Hammon Pharoah water <i>Perry</i>	XLII 48	— 643
— Letter concerning the actions of springs <i>Jurin</i>	XLIII 46	X 160
— See <i>Mineral Springs in their Places</i>		
SQUARE. The method of squaring any kinds of curves, or reducing them to more simple ones <i>De Moivre</i>	XXXIII 1113	IV 15
SQUILLA AQUÆ DULCIS. Part of a letter concerning the squilla aquæ dulcis <i>Richardson</i>	XXXVIII 331	IX 54
SQUINTING. A new case in squinting <i>Darwin</i>	LXVIII 86	
SQUIRREL. A letter containing some remarks relating to Mr. Ray's description of the flying squirrel of America - <i>Dale</i>	XXXIX 384	— 78
STAG. Extract of a letter concerning an extraordinary large horn, of the stag kind, taken out of the sea on the coast of Lancashire <i>Hopkins</i>	XXXVII 257	VII 449
— A letter containing the description of a sort of stag in Virginia - <i>Dale</i>	XXXIX 384	IX 84
STAKE. An extraordinary cure of a horse that was staked into his stomach - <i>Wallis</i>	XIX 118	
STALACTITES. Account of a beautiful stalactites, now in the Museum of the Royal Society <i>Huxham</i>	XLIII 207	X 627
STAMP. The description of an antique metal stamp in the collection of the Duke of Richmond,		being

	Transf.	Abridg.
being one of the instances how near the Romans had arrived to the art of printing; with some remarks <i>Mortimer</i>	XL 388	IX 417
STARS, FIXED. Some more accurate observations about Jupiter's transits near fixed stars, useful for determining the inclination of that planet to the ecliptic <i>Flamsteed</i>	VIII 6033	I 401
— New observations made after a new and accurate way, of the farthest elongations of the Medicean stars from the center of Jupiter; together with some uncommon ones concerning the diameters of the planets, and their distances from fixed stars, as also of the parallax of Mars, in opposition to the sun and in perigee, &c. <i>Flamsteed</i>	— 6094	
— The longitudes, latitudes, right ascensions, and declinations of the chiefest fixed stars according to the observations of the ancients <i>Bernard</i>	XIV 567	
— A proposal concerning the parallax of the fixed stars, in reference to the earth's annual orb <i>Wallis</i>	XVII 844	
— Concerning the distance of the fixed stars <i>Roberts</i>	XVIII 101	I 233
— An instrument for seeing the sun, moon, or stars, pass the meridian of any place; useful for setting watches in all parts of the world with the greatest exactness, to correct sun-dials, to assist in the discovery of the longitude of places <i>Derham</i>	XXIV 1578	IV 464
— An account of several nebulae or lucid spots, like clouds, lately discovered in the fixed stars by help of the telescope <i>Halley</i>	XXIX 390	— 225
— Considerations on the change of the latitude of some of the principal fixed stars <i>Halley</i>	XXX 736	— 227
— Of the infinity of the sphere of fixed stars <i>Halley</i>	XXXI 22	VI 147
— Of the number, order, and light of the fixed stars <i>Halley</i>	— 24	— 148
— A letter giving an account of a new discovered motion of the fixed stars <i>Bradley</i>	XXXV 637	
— Observations of the appearances among the fixed stars, called Nebulous stars, owing to the motion of the earth, and the motion of light compounded together <i>Derham</i>	XXXVIII 70	VIII 132
— The description and use of an apparatus added as an improvement to Davis's quadrant, con-		

	Transf.	Abridg.
sifting of a mercurial level, for taking the co- altitude of sun or star at sea, without the usual assistance of the sensible horizon, which fre- quently is obscured - <i>Leigh</i>	XL 417	VIII 362
STARS. (Fixed) A letter concerning an apparent mo- tion observed in some of the fixed stars, ow- ing to a nutation of the earth's axis <i>Bradley</i>	XLV 1	X 32
— Remarks on the mutations of the stars <i>Barker</i>	LI 498	
— A letter containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St Helena, in order to determine the longitude of the ship from time to time, together with the whole process of computation used on the occasion - <i>Macklyn</i>	LII 558	
— Concise rules for computing the effects of re- fraction and parallax in varying the apparent distance of the moon from the sun or a star ; also an easy rule of approximation for com- puting the distance of the moon from a star, the longitude and latitude of both being given ; with demonstrations of the same <i>Macklyn</i>	LIV 263	
— An inquiry into the probable parallax and magnitude of the fixed stars, from the quantity of light which they afford us, and the par- ticular circumstances of their situation <i>Mitchell</i>	LVII 234	
STARS. (Particular) Observations of the star, called Nebulosa, in the girdle of Andromeda, and of the wondrous star in the neck of the Whale <i>Bullialdus</i>	II 459	I 251
— Observations on the new star near the beak of the Swan, and the other in the neck of the Whale - - - <i>Hevelius</i>	V 2023	— 304
— Account of a new one discovered in the constel- lation of the Swan in 1670 - <i>Hevelius</i>	— 2087	— 248
— Account from Paris of the earlier discovery of the same star - <i>Oldenburg</i>	— 2092	— —
— Further observations of the new star, near the beak of the Swan - - - <i>Hevelius</i>	VI 2197	— 250
— Another account from the Journal des Scavans	— 2198	— 247
— Observations concerning three new stars, one in the Whale's neck, the other two near the head and in the breast of the Swan <i>Hevelius</i>	XII 853	
— Letter concerning drawing the meridian line		

	Transf.	Abridg.
by the pole star, and finding the hour by the same - - - <i>Gray</i>	XXII 815	IV 462
STAR. An account of the variations of appearance of a new star in the neck of the Swan <i>Kirchius</i>	XXIX 226	— 222
— A short history of the several new stars that have appeared within these 150 years; with an account of the return of that in collo cygni, and of its continuance observed in 1715 <i>Halley</i>	— 354	— 224
— The declinations of some southern stars of the first and second magnitude, June 1738, and the way of finding the hour of the night at sea from looking at the southern cross <i>La Condamine</i>	XLVI 139	X 53
— Astronomical observation on the periodical star in Coll'o Ceti - - - <i>Herschell</i>	LXX 338	
STAR. (Appulses) Observable appulses of the moon to the fixed stars in the year 1671, foretold, and computed for the meridian and latitude of of London - - - <i>Flamsteed</i>	V 2029	I 453
— Letter concerning the appulses of the moon for 1673, and the other planets to the fixed stars, together with an observation of the planet Mars - - - <i>Flamsteed</i>	VII 5118	— 424
— The appulses of the moon and other planets to the fixed stars predicted for 1674 <i>Flamsteed</i>	VIII 6162	
— On the method of determining the places of the planets, by observing their near appulses to the fixed stars - - - <i>Halley</i>	XXXI 209	VI 170
— A new method of calculating the eclipses, particularly of the earth, and of any appulses of the moon to planets and fixed stars <i>Gersten</i>	XLIII 22	X 55
STAR. (Occultation) Observations on a total eclipse of the moon, Jan. 11, 1675, with the occultations of certain fixed stars <i>Hevelius</i>	X 289	I 310
— An account of an occultation of a fixed star by the moon, Feb. 29 - - - <i>Cassini</i>	XI 564	— 349
— An occultation of Mars and certain fixed stars observed at Dantzick, Sept. 1, 1676 <i>Hevelius</i>	— 721	— 350
— Observations on the occultation of fixed stars in 1683, at Dantzick - - - <i>Hevelius</i>	XIII 331	
— Observations of an occultation of a fixed star in Gemini by the body of Jupiter, Jan. 11 and of a very close transit of Mars below the		

	Transf.	Abridg.
northernmost star in the scorpion's forehead, Feb. 5, 1717 - - - <i>Anon.</i>	XXX 546	IV 304
STAR. (Occultation) Proposal of observations of oc- cultations of the fixed stars by the moon, made at Paris, to determine the exact difference of longitude betwixt London, Paris, and Green- wich - - - <i>Maskekyne and De Lalande</i>	LII 607	
— Occultations of fixed stars by the moon observed at Greenwich, 1769 - - - <i>Maskekyne</i>	LIX 399	
STAR. (Meteor) A method for determining the geo- graphical longitude of places from the appear- ance of the common meteors, called falling stars - - - - - <i>Lynn</i>	XXXV 351	VI 400
— See <i>particular Stars, and Stars in particular Con- stellations, in their Places</i>		
STAR FISH. Thoughts about the stellar fish, de- scribed in vol. v. 1153 - - - <i>Willoughby</i>	V 1201	
— An account of the stellar fish, formerly de- scribed p. 1153, with the addition of some other curiosities - - - <i>Willoughby</i>	VI 2221	II 832
— An account of an echinus, or star-fish, with a jointed stem, taken on the coast of Bar- badoes, which explains to what kind of ani- mals those fossils belong, called star stones, afterizæ, and astropodia, which have been found in many parts of this kingdom - - - - - <i>Mendes da Costa</i>	LII 357	
STARRY ANNISEED TREE. An account of a new species of illicium Linnæi, or starry anniseed tree, lately discovered in West Florida - - - - - <i>Ellis</i>	LX 524	
STAR-STONES. A letter containing observations on the astroites, or star-stones - - - <i>Lifter</i>	X 274	— 503
— See <i>Astroites</i>		
STATICS. An account of some new statical experi- ments - - - - - <i>Desaguliers</i>	XL 62	VIII 278
— Extracts from two letters of Dr. John Lining, of Charles-Town, South Carolina, giving an account of statical experiments made on him- self for one whole year, accompanied with me- teorological observations, and fix general tables - - - - - <i>Lining</i>	XLII 491	IX 276
— Letter serving to accompany some additions to his statical experiments - - - <i>Lining</i>	XLIII 318	XI 1350
STATICS. (Vegetable) Account of Mr. Hale's vege- table statics - - - - - <i>Desaguliers</i>	XXXIV 264 XXXV 323	VI 2 158

STATION. See *Rome*

STATUES. Method of casting statues in metal; together with an invention for making such cast statues, of an extraordinary thinness, beyond any thing hitherto known or practised

	Transl.	Abridg.
— Extracts of two letters from Rome concerning some ancient statues, pictures, and other curiosities, found in a subterraneous town lately discovered near Naples	<i>Valvasor</i> XVI 259	I 599
— Extract of another on the same subject	<i>Paderni</i> XLI 484	IX 440
— Extract of another letter on the same subject	<i>Knapton</i> — 489	— 442
— See <i>Herculaneum</i>	<i>Crispe</i> — 493	— 444
STEAM. How terrestrial steams may be the generative cause of both minerals and metals, and of all the peculiarities of springs	<i>Beale</i> V 1154	II 833
— Of the use of the air to elevate the steams of bodies	<i>Boyle</i> — 2048	— 297
— Advertisements occasioned by the remarks, printed in vol. X. p. 307, of the warm and fertilizing temperature and steams of the earth	<i>Beal</i> X 357	
STEAM ENGINE. The best proportions for steam engine cylinders of a given content, considered	<i>Blake</i> XLVI 197	
— Further experiments for encreasing the quantity of steam in a fire engine	<i>Fitzgerald</i> L 370	
— See <i>Engine, Fire Engine, Fountains</i>		
STEATOMATOUS TUMOUR. Account of an extraordinary steatomatous tumour, in the abdomen of a woman	<i>Hanly</i> LXI 131	
STEEL. A suggestion for retrieving the art of hardening and tempering steel for cutting porphyry, and other hard marbles	<i>Anon.</i> VIII 6010	— 599
— The manner of making steel, and its temper; with a guess at the way the ancients used to steel their picks, for the cutting and hewing of porphyry	<i>Lifter</i> XVII 865	— 560
— A Memoir on the lacrymæ Batavizæ, or glass drops, the tempering of steel, and effervescence accounted for by the same principle	<i>Le Ca.</i> XLVI 175	X 560
— An account of an experiment, by which it appears that salt of steel does not enter into the lacteal vessels; with remarks	<i>Wright</i> L 594	

	Transf.	Abridg.
STEEL YARD BALANCE SWING. Description and uses of the steel yard balance swing		
<i>Sheldrake</i>	XLII 20	IX 499
STELLAR FISH. See <i>Star Fish</i>		
STENO. Some notes on Dr. Swammerdam's book of insects, and on that of Steno, concerning petrified shells	VI 2219	I 216
<i>Lifter</i>		
STEVIN. An explanation of an obscure passage in Albert Gerard's commentary upon S. Stevin's works	XLVIII 368	
<i>Simpson</i>		
STOCK. Some communications on the descent of sap	VI 2128	II 687
<i>Reea</i>		
Some considerations on Mr. Reed's letter, shewing in what sense the sap may be said to descend and to circulate in plants, and the graft, to communicate with the stock	— 2144	— 690
<i>Bea</i>		
STOMACH. Observations of a large bed of glands observed in the stomach of a pike	XIV 699	III 93
<i>Mulgrave</i>		
— An extraordinary cure of a horse that was flaked into his stomach	XIX 118	
<i>Wallis</i>		
— Cure of a person who swallowed a knife which lay in his stomach a year and 7 months, and then worked out at an aposthem on his breast	— 120	
<i>Sloane</i>		
— Of the motion of the stomach observed in a dog	XX 278	II 91
<i>Pitt</i>		
— A letter concerning two cases of wounds in the stomach	XXXII 78	VII 508
<i>Field</i>		
— A letter concerning an impostumation in the stomach	— 80	— 507
<i>Atkinson</i>		
— A preter-natural perforation found in the upper part of the stomach, with the symptoms it produced	XXXV 361	—
<i>Rowlinson</i>		
— Letter relating to the villi of the stomach of oxen, and the expansion of the cuticle through the ductus alimentalis	— 532	VI 441
<i>Price</i>		
— A case of a stricture in the middle of the stomach in a girl, dividing it into two bags	XXXVII 258	VII 508
<i>Amyand</i>		
— An observation of the immoderate and fatal use of crab-stones, and such-like absorbent earths, and from whence have proceeded stones in the stomach and reins	XLI 557	IX 171
<i>Breyne</i>		
— The case of Mr. Smith, surgeon, at Sudbury, in Suffolk; the coats of whose stomach were changed into an almost cartilagenous substance	XLVI 39	
<i>Murdock</i>		

STOMACH.

	Transl.	Abridg.
STOMACH. Account of a young lady who had an extraordinary impostume formed in her stomach <i>Layard</i>	XLVI 406	XI 1023
— An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidneys <i>Le Cat</i>	LVII 1	
— On the digestion of the stomach after death, <i>Hunter</i>	LXII 447	
STONE. (Natural history) Of a place in England, where, without petrifying water, wood is turned into stone <i>Boyle</i>	I 101	II 325
— Of the nature of a certain stone, found in the Indies, in the head of a serpent <i>Vernati</i>	— 102	— 814
— A relation of worms that eat out stones <i>De la Voge</i>	— 321	— 787
— A Description of a Swedish stone, which affords sulphur, vitriol, allum, and minium <i>Talbot</i>	— 375	— 501
— Instances, hints, and applications relating to stones of divers kinds, &c. <i>Beale</i>	IV 1135	— 148
— Account of some stone-quarries in Hungary <i>Brown</i>	V 1044	— 339
— Account of a stone quarry near Macstricht <i>Anon.</i>	— 2051	— 463
— A description of certain stones figured like plants, and, by some observing men, esteemed to be plants petrified <i>Lisler</i>	VIII 6181	— 493
— Advertisements relating to stones, rocks, &c. <i>Beal</i>	X 357	— 396
— A letter concerning some formed stones found at Hunton, in Kent <i>Hatley</i>	XIV 463	— 426
— A refraction of the 7th and last paragraph of Mr. W. Molyneux's letter, vol. XIV. p. 552, concerning Lough-Neagh stone, and its non-application to the magnet upon calcination <i>Molyneux</i>	— 820	— 323
— An account of an extraordinary tincture given to a stone <i>Reisel</i>	XVI 22	I 604
— An account of the making pitch, tar, and oil out of a blackish stone in Shropshire <i>Ele</i>	XIX 544	
— Letter concerning several figured stones lately found by him <i>Lbwyl</i>	XX 279	II 511
— Account of a figured stone found in Wales; with a note on it by Hans Sloane <i>Lbwyl</i>	XXI 187	— —
— An account of some stones and plants lately found in Scotland <i>Sibbald</i>	XXII 693	
— Account of the quarry at Macstricht <i>Ellis</i>	XXIII 1416	V 2 134

	Transf.	Abridg.
STONE. Microscopical observations on the pumice stone, coral, sponges, &c. <i>Liquoribus</i>	XXIV 2158	VI 2 267
— A description of the several strata of earth, stones, coals, &c., found in a coal pit, at the west end of Dudley, Staffordshire; to which is added a table of the specific gravity of each stratum <i>Festipice and Hawkbe</i>	XXVII 541	IV 2 182
— An account of the impression of the almost entire skeleton of a large animal in a very hard stone found at Elston, near Newark, Nottinghamshire <i>Stately</i>	XXX 963	— - 272
— An account of the filtering stone of Mexico, and compared with other stones, by which it is shewn that it is of little or no use in purifying the waters which have passed through it <i>Vaters</i>	XXXIX 106	VIII 728
— Remarks on stones of a regular figure found near Bagneres, in Gascony <i>Mimesquieu</i>	XLIII 26	X 788
— An enquiry concerning the stone osteacolla <i>Beurerus</i>	— 373	— 602
— An account of perfect minute crystal stones <i>Parsons</i>	— 468	— 612
— A letter concerning an extraordinary fish, called in Russia, quah, and concerning the stones called crabs eyes <i>Baker</i>	XLV 174	XI 876
— Letter concerning a flat spheroidal stone, having lines regularly crossing it <i>Platt</i>	XLVI 534	X 638
— A description and figures of a small flat spheroidal stone, having lines formed upon it <i>Mortimer</i>	— 602	— 639
— An account of the impression on a stone dug up in the island of Antigua <i>Byam</i>	XLIX 295	
— A letter concerning the stones found in Antigua <i>Pond</i>	— 297	
— Remarks on the stones in the county of Nassau, and the territories of Treves and Colen, resembling those of the Giants Causeway, in Ireland <i>Trembley</i>	— 581	
— An account of a large stone near Cape-Town, with a letter from Sir William Hamilton, on having seen some pieces of the said stone <i>Anderson</i>	LXVIII 102	
STONE. (Disorder so called) Account of a great number of stones found in one bladder <i>Goodrick</i>	II 482	III 149
— An account of a stone cut out from under the tongue of a man <i>Lifter</i>	VII 4062	— 155

STONE.

	Transl.	Abridg.
STONE. (Disorder) An account of a stone found in the bladder of a dog, and of another fastened to the back-bone of a horse <i>Giornale de Letterati</i>	VII 4094	III 164
— Two observations about stones, one found in the bladder of a dog, the other fastened to the back-bone of a horse <i>Giornale de Letterati</i>	— 4094	— —
— A relation of an human body opened at Dantzick, and of 38 stones found in the bladder thereof <i>Kirkby</i>	VIII 6155	— 149
— An observation concerning some stones of a perfect gold-colour found in animals <i>Johnstons</i>	IX 9	— 166
— An account of several human calculus's of an unusual bigness <i>Garden</i>	XII 843	— 150
— Anatomical observations of an abscess in the liver, a great number of stones in the gall bag and bilious vessels, an unusual conformation of the emulgents and pelves, a strange construction of both kidneys, and a great dilatation of the vena cava <i>Tyson</i>	— 1035	— 81
— An abstract of a treatise on the calculus, in answer to several queries proposed by Sir John Hoskyns <i>Slare</i>	XIV 523	— 178
— With a postscript concerning two human calculi of unusual form and bigness <i>Slare</i>	— 534	—
— An account of a stone grown to an iron bodkin in the bladder of a boy <i>Lifter</i>	XV 282	— 162
— An abstract of a letter giving an account of stones voided by siege <i>Threopland</i>	— 961	— 160
— The description of a stone of the bladder <i>Anon.</i>	— 1015	— 150
— Account of stones voided per penem <i>Cole</i>	— 1162	— 151
— Description of a large stone voided by urine <i>Anon.</i>	— 1209	— —
— An account of the case of Margaret Lower from the year 1681 <i>Konig</i>	XVI 94	— 100
— An examen of the stones sent from Berne <i>Slare</i>	— 140	—
— Further trial of them by chymical distillations <i>Slare</i>	— 145	— 177
— Account of a stone of an extraordinary bigness spontaneously voided through the urethra of a woman at Dublin <i>Mullineux</i>	XVII 817	— 151 — 182
— An uncommon observation of a stone found in the kidneys <i>Wittie</i>	XVIII 36	— 151
— An account of a stone of a prodigious size ex-		

	Transf.	Abridg.
tracted by section out of a woman's bladder, who is living - <i>Wood</i>	XVIII 103	III 185
STONE. (Disorder) Of a stone found in the gall bladder of a woman - <i>J. T.</i>	— 111	— 159
— An account of two large stones which lodged in the meatus urinarius for twenty years past, and were from thence cut out <i>Bernard</i>	XIX 250	— 153
— An account of a stone of the bladder which weighed 51 ounces, or three pounds three ounces, and a stone out of the bladder which adhered to it - <i>Preslor</i>	— 310	— 154
— An account of a gentleman's being cut for the stone in the kidney, with a brief inquiry into the antiquity and practice of nephrotomy <i>Anon.</i>	— 333	— 188
— Some additional remarks on the extracting the stone cut of the bladder of those of the female sex - <i>Moynaux</i>	XX 11	— 184
— Letter concerning several stones voided by a boy - <i>Sitbold</i>	— 264	— 154
— An account of a stone bred at the root of the tongue, and causing a quinsy - <i>Bonacors</i>	— 440	— 156
— An account of a stone found in the stomach of a lady on dissection, another in the left kidney, and some smaller ones in the gall bladder <i>Clark</i>	XXI 95	— 159
— Part of a letter giving an account of the new way of cutting for the stone by the Hermit, with his opinion of it - <i>Buffiere</i>	— 100	— 185
— Account of a disease occasioned by swallowing pebble stones; with remarks by H. S. Sloane <i>Holi</i>	— 190	— 92
— Letter concerning a stone cut from a child, having a flint within it - <i>Garden</i>	XXII 687	— 164
— Letter concerning a stone cut out of the bladder, having hair on it - <i>Wallace</i>	— 688	— 155
— A further account of the person mentioned to have swallowed stones - <i>Holi</i>	— 992	V 260
— Account of a ball extracted from a person who had suffered by it 30 years, in which was a plumb-stone - <i>Young</i>	XXIII 1279	— 261
Some instances of other persons who were hurt by swallowing plumb stones <i>Seaton</i>	— 1283	— 264
— An account of very large stones voided per urethrum - <i>Lhuys</i>	XXIV 1804	— 288
— Two extraordinary cases of a large stone in the urethra, brought on by a venereal infection,		

and

		Transf.	Abridg.
	and a child born with a remarkable tumour on the loins - - - <i>Huxham</i>	XXV 257	VII 536
STONE	(Disorder.) A letter concerning the jaundice, occasioned by a stone obstructing the ductus communis biliaris, which was afterwards voided by stool - - - <i>Margram</i>	— 2233	V 279
—	Of hydatides inclosed with a stony crust in the kidney of a sheep - - - <i>Cowper</i>	— 2304	— 54
—	An abstract out of a letter concerning stones voided by stool; with an answer to it by Dr. Cole - - - <i>Holbrooke</i>	XXVII 28	— 265
—	A letter concerning large stones voided per urethram - - - <i>Tborelby</i>	— 536	— 288
—	An account of a new method of cutting for the stone - - - <i>Douglas</i>	XXXII 83	VII 527
—	Observations upon dissecting the body of a person troubled with the stone - - - <i>William</i>	— 326	— 530
—	An account of the cutting of a man who died of the stone in the kidneys - - - <i>Hardisway</i>	— 327	— —
—	A letter concerning stones voided per anum - - - <i>Martineau</i>	— 433	— 520
—	Remarkable observations on the dissection of a body of one who died of the stone - - - <i>Vater</i>	XXXIV 102	— 531
—	An account of a large stone voided through the urinary passages of a woman - - - <i>Beard</i>	— 211	— 534
—	An account of a stone taken out of a horse, at Boston, in New-England, 1724 - - - <i>Dudley</i>	— 261	— 440
—	An account of several stones found in the kidneys of a person - - - <i>Dobyns</i>	XXXV 452	— 532
—	An account of a stone in the bladder breaking spontaneously, and passing off through the urethra - - - <i>Heister</i>	XXXVII 13	— 534
—	Of an inguinal rupture, with a pin in the appendix cæci, incruited with stone - - - <i>Amyand</i>	XXXIX 329	IX 153
—	A description of a very extraordinary stone or calculus taken out of the bladder of a man after death - - - <i>Caumont</i>	XL 369	— 172
	Another account of the same case - - - <i>Zollman</i>	— 371	— 173
	Answer to the Marq. de Caumont's account - - - <i>Sloane</i>	— 374	— 174
—	An account of the case of a calculus making its way through an old cicatrix in the perinæum - - - <i>Hartley</i>	XLI 349	— 176
—	An account of a stone or calculus making its way out through the scrotum - - - <i>Sloane</i>	— 351	— —
—	Case of an extraordinary stone voided by the anus - - - <i>Mackernish</i>	— 500	— 170
	N n n		STONE

	Transf.	Abridg.
STONE (Disorder.) An observation of the immoderate and fatal use of crab stones, and such like absorbent earths, from whence have proceeded stones in the stomach and reins		
— An account of some remarkable stones taken out of the kidney's of Mrs. Felles after her decease	<i>Brevnius</i> XLI 557	IX 171
— An account of several stones found in bags formed by a protusion of the coats of the bladder, as appeared on opening the body of Mr. Gardiner	<i>Sherwood</i> — 610	— 502
— An account of the case of William Payne, with what appeared upon examining his kidney and bladder	<i>Nourse</i> XLII 11	— 176
— An account of a large stone voided by a woman with her urine	<i>Bell</i> — 54	— 177
— An account of an extraordinary calculus taken out of the body of a boy	<i>Revilas</i> — 363	— 179
— Letter concerning a large stone found in the stomach of a horse	<i>Huxham</i> XLIII 207	XI 976
— An account of a very large stone found in the colon of a horse; and of several stones which were taken from the intestines of a mare; with some experiments and observations thereupon	<i>W. Watson</i> — 268	— 904
— A letter concerning a stone taken out of the bladder of a dog, with a piece of dog grafs in its center	<i>Bailey</i> XLIV 296	— 505
— An account of a lady at Cottered, Hertfordshire, who had a stone under her tongue	<i>Fiage</i> — 335	— 909
— Concerning a boy who had a calculus formed between the glans and the præputium	<i>Freeman</i> XLVI 5	— 959
— An account of a very large human calculus	<i>Clarke</i> — 45	— 1084
— Case of a piece of a bone, together with a stone in the bladder, successfully extracted	<i>Heberden</i> — 596	— 1005
— Relation of a large calculus found in a mare	<i>Warner</i> XLVII 475	
— An account of two extraordinary cases of gall stones	<i>W. Watson</i> XLVIII 800	
— A remarkable instance of four rough stones that were discovered in an human urinary bladder contrary to the received opinion; and	<i>Johnstone</i> L 543	

	Trans.	Abridg.
successfully extracted by the lateral method of cutting for the stone - <i>Warner</i>	L 579	
STONE (Disorder.) An account of two stones of remarkable shapes and sizes, which, for the space of six years, were firmly lodged in the urethra of a young man, and successfully cut out from thence - <i>Warner</i>	LI 304	
— An account of a stony concretion taken from the colon of a horse - <i>Baker</i>	— 694	
— The case of a patient, who voided a large stone through the perinæum from the urethra <i>Frewen</i>	LII 258	
— Case of a man who had six stones taken out of the gall bladder - <i>Geach</i>	LIII 231	
— An account of a hernia of the urinary bladder including a stone - <i>Pott</i>	LIV 61	
— An account of a stone voided, without help, from the bladder of a woman - <i>Heberden</i>	LV 128	
— The case of a patient voiding stones through a fistulous sore in the loins, without any concomitant discharge of the urine of the same passage - <i>Simmons</i>	LXIV 108	
STONE. (Remedies for the) An account of the acemella and its stone-dissolving faculty <i>Hotton</i>	XXII 760	
— A proposal to bring small passable stones with ease out of the bladder - <i>Hales</i>	XLIII 502	XI 990
— The effects of the lixivium sapenis, taken inwardly by a man aged 75 years, who had the stone, and in whose bladder, after his decease, were found two hundred and fourteen stones <i>Chefelden</i>	XXIV 36	— 992
— A letter concerning the relief found in the stone from the use of Alicant soap and lime water - <i>Lucas</i>	— 463	— 1000
— The case of Horace Walpole, Esq. drawn by himself - <i>Walpole</i>	XLVII 43	
A sequel to the case of Horace Walpole, Esq. <i>Walpole</i>	— 472	
Case of the late Horace, Lord Walpole, being a sequel to his own account at vol. XLVII, p. 43, and 472 - <i>Pringle</i>	L 205	
Observations on the case - <i>Whytt</i>	— 209	
— An account of the virtues of soap in dissolving the stone in the case of the Rev. Mr. Mathew Simpson - <i>Pringle</i>	— 221.	
— Postscript to observations on Lord Walpole's case, with observations on the Lithentriptic virtue		

	Transl.	Abridg.
of the Carlsbad waters, lime-water, and soap <i>W bytt</i>	L 386	
STONE. (Operation for the) A description of a catheter made to remedy the inconveniences, which occasioned the leaving off the high operation for the stone <i>Cleland</i>	XLI 844	IX 179
— Remarks on the operation of cutting for the stone <i>Le Cat</i>	XLIII 391	XI 976
— A remarkable case of a person cut for the stone in the new way, commonly called the lateral; by William Cheselden, Esq; <i>Reid</i>	XLIV 33	— 991
— An observation of an operation made by the high apparatus according to M. le Cat's method, in the year 1743, from Philip Henry Zollman <i>Le Cat</i>	— 175	— 995
— Part of a letter concerning the extracting a large stone by an aperture in the urethra <i>Howell</i>	— 215	— 999
— Extract of a letter enclosing a proposal for entirely removing the only real defect in the lateral operation for the stone <i>Mudge</i>	XLVI 24	— 1002
— The operation of lithotomy on women <i>Le Cat</i>	— 97	— 975
STONES. (Precious) Some observations upon gems, or precious stones; more particularly such as the ancients used to engrave upon <i>Dingley</i>	XLIV 502	X 610
— Observations upon some gems similar to the tourmalin <i>Wilson</i>	LII 443	
STOOL. A letter concerning hydatides voided by stool <i>Musgrave</i>	XXIV 1797	V 281
— A letter concerning the jaundice occasioned by a stone obstructing the ductus communis biliaris, which was afterwards voided by stool <i>Musgrave</i>	XXV 2233	— 279
STORM. Extract of a letter, giving an account of an unusual storm of hail, which fell at Lisle, in Flanders, May 25, 1686	XVII 858	II 145
— An account of a great hail storm at Hitchin, in Hertfordshire, May 4, 1697 <i>Taylor</i>	XIX 577	— 147
— A relation of a great hail storm, in Herefordshire, June 6, 1697	— 579	— 148
Of the same storm in Monmouthshire <i>Lbwyd</i>	— —	
— Relation of the effects of a violent storm at Acomack, in America, Oct. 19, 1693, on the rivers of that country <i>Scarburgh</i>	— 659	— 104
— Part of a letter concerning a strange effect of the		

	Transf.	Abridg.
late great storm in Suffex. 1703 <i>Fuller</i>	XXIV 153c	
STORM. A letter containing observations concerning the late storm at Upminster - <i>Derham</i>	— —	V 2 109
— Part of a letter concerning the late great storm observed at Delft - <i>Leeuwenhoek</i>	— 1535	
Further account of the said storm <i>Leeuwenhoek</i>	— 1544	
— An experiment to shew the cause of the descent of the mercury in the barometer in a storm <i>Hauksbee</i>	— 1629	— 181
— Part of a letter, giving an account of a storm of thunder and lightning that happened at Ipswich, July 16, 1708 - <i>Bridgman</i>	XXVI 137	— 2 128
The effects of the above storm at Colchester <i>Nelson</i>	— 140	
— Part of a letter concerning a storm of thunder, lightning, and rain, at Leeds, in Yorkshire, August 5, 1708 - <i>Thoresby</i>	— 289	V 2 40
— A letter giving an account of a storm of thunder and lightning which happened near Leeds, in Yorkshire - <i>Thoresby</i>	XXVII 320	IV 2 131
— A letter giving an account of the damage done by a storm of hail which happened near Rotherham, in Yorkshire - <i>Thoresby</i>	— 514	— 109
— A relation of the effects of a storm of thunder and lightning at Sampford Courtney, in Devonshire, on Oct. 7, 1711 <i>Chamberlayne</i>	— 528	
— A letter concerning the storm, Jan. 8th, 1734-5, at Darlington - <i>Forster</i>	XXXIX 285	
— A letter concerning the storm of thunder which happened June 12, 1748 <i>Miles</i>	XLV 383	X 475
— An account of a storm of thunder and lightning near Ludgvan, in Cornwall, Dec. 20, 1752 <i>Borlase</i>	XLVIII 56	
— An account of the effects of a storm of thunder and lightning in the parishes of Looe and Lanreath, in Cornwall, June 27, 1756 <i>Dyer</i>	L 104	
Letter on the same subject <i>Miller</i>	— 107	
— An account of the effects of a storm at Wigton, in Cumberland - <i>Thomlinson</i>	— 194	
— An account of an extraordinary storm of hail in Virginia, July 9, 1758 - <i>Fauquier</i>	— 746	
— An account of a storm of thunder and lightning at Norwich, July 13, 1758 <i>Cosper</i>	LI 38	
— An account of the effects of a storm of thunder		

	Transf.	Abridg.
and lightning at Rickmansthworth, in Hertfordshire, July 16, 1759 - <i>Whitfield</i>	LI 282	
STORM. An account of two thunder storms, on July 28, 1761, at Ludgvan church, the other Jan. 11, 1762, at Breag - <i>Borlase</i>	LII 507	
— Account of the effects of a storm of thunder and lightning on Pembroke college, Oxford, Jan 3, 1765 - <i>Griffith</i>	LV 273	
— Observations upon a thunder storm <i>Bergman</i>	LVII 97	
— A letter describing a remarkable storm at Buckland Brewer, Devon, March 2, 1769 <i>Paxton</i>	LIX 79	
— An account of a remarkable thunder storm, Feb. 18, 1770, at St. Keverne, in Cornwall <i>William</i>	LXI 71	
— Extraſt of a letter concerning a thunder and lightning storm, by which Mr. Heartly, of Harrowgate, was killed, Sept. 29, 1772 <i>Kirkshaw</i>	LXIII 177	
— Account of the effects of a thunder storm on the 15th of March, 1733, upon the house of Lord Tylney, at Naples <i>Sir William Hamilton</i>	— 324	
— See <i>Hail, Lightning, Rain, Thunder</i>		
STOVE. An account of a lately invented stove for preserving plants in the green-house in winter, published at the end of the <i>Calendarium Hortense</i> <i>Cullum</i>	XVIII 191	II 750
— The manner in which the Chinese heat their rooms - - - <i>De Visme</i>	LXI 59	
An account of the kang, or Chinese stove <i>Gramont</i>	— 61	
STRAIGHT'S-MOUTH. A conjecture about an under current at the Straight's-Mouth <i>XIV 564</i>	XXXIII 191	VI 2 171
— — Of the currents at the Straight's Mouth		
STRALSUND. See <i>Thunær</i>		
STRATA. An account of the strata met with in digging for marle, and of horns found under ground in Ireland - - - <i>Kelly</i>	XXXIV 122	— 224
— A description of a petrified stratum formed from the waters of Matlock, Derbyshire <i>Dobson</i>	LXIV 124	
STRAWBERRIES. Microscopical observations on the seeds of figs, strawberries, &c. <i>Lewwenboek</i>	XIX 269	III 685
STRING. Concerning the motion of stretched string <i>Taylor</i>	XXVIII 26	IV 391
STUPEFACTION. An account of a case of a young man stupified by the smoke of sea-coal <i>Frewer</i>	LII 454	
STYLE. Letter judging of the age of the MSS of		

	Transf.	Abridg.
learned authors, painters, musicians, &c. by the <i>Manley</i>	XXIV 1998	V 2 1
STYLE. (Astronomy) Two letters concerning the alteration (suggested) of the Julian account for the Gregorian <i>Wallis</i>	XXI 343	III 406
— The report made by Lord Treasurer Burleigh to the Lords of the Council of a consultation had, and the examination of the plain and brief discourse by John Dee, for reforming the calendar <i>Anon.</i>	— 355	I 404
Reflections upon the foregoing paper <i>Greaves</i>	— 356	— 405
— The conclusion of the Protestant empire Sept. 23, 1699, concerning the calendar <i>Houghton</i>	XXII 459	III 408
— Remarks upon the solar and lunar years, the cycle of 19 years, commonly called the Golden Number, the Epact, and a method of finding the time of Easter, as it is now observed in most parts of Europe <i>Earl of Macclesfield</i>	XLVI 417	X 131
STYPTIC. Notice of an admirable liquor, instantly stopping the blood of arteries pricked or cut, without any suppuration, or without leaving any scar or cicatrice <i>Denys</i>	VIII 6039	III 252
Experiments made with the liquor at London At Paris <i>Anon.</i>	— 6052	— 253
An addition to the experiments <i>Anon.</i>	— 6054	— 291
Experiments in St. Thomas's Hospital <i>Anon.</i>	— 6074	— 254
Further success in the fleet <i>Anon.</i>	— 6078	—
— An account of some experiments lately made on dogs, and of the effects of Mr. John Colbatch's styptics on human bodies, by <i>W. Cooper</i>	— 6115	— 255
— Some observations upon Dr. Eaton's styptic <i>Sprengell</i>	XVIII 42	—
— Remarks on the use of the styptic, purchased by his most Christian Majesty <i>Faget</i>	XXXIII 108	VII 563
— See <i>Agaric, Lycoperdon</i>	XLVII 560	
STYRAX LIQUIDA. The manner of making styrax liquida, alias, rosa mallas <i>Petiver</i>	XXVI 44	V 417
SUBMARINES. A description of some coralls, and other curious submarines, lately sent from the Phillippine isles, by G. I. Gamel <i>Petiver</i>	XXIII 1419	V 2 286
SUBSTANCES. An account of two uncommon mineral substances in some coal and iron mines in England <i>Jessop</i>	VIII 6179	II 458

	Transf.	Abridg.
SUBSTANCES. Concerning the various figures of the salts contained in the several substances		
— Letter concerning a substance coughed up resembling the vessels of the lungs <i>Leeuwenhoek</i>	XV 1073	III 685
— Case of a gentleman who voided with her urine hairy crustaceous substances; with Sir H. Sloane's answer, containing several observations of extraordinary substances voided by the urinary passages <i>Buffiere</i>	XXII 545	— 68
— Case of hair voided by urine <i>Powel and Sloane</i>	XLI 699	IX 180
— A summary of some late observations upon the generation, composition and decomposition of animal and vegetable substances <i>Knight</i>	— 705	— 183
— An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis <i>Needham</i>	XLV 615	X 797
— A description of three substances mentioned by the Arabian physicians, in a paper sent from Aleppo, and translated from the Arabian by <i>Schlosser</i>	XLIX 449	
— A short narrative of the structure and effect of parabolick burning speculums, made by the late Mr. Hoefen, of Dresden; and an account of experiments made with them on the fusion of different substances <i>J. Channing</i>	LVII 21	
— Experiments on ignited bodies <i>Wolfe</i>	LIX 4	
— Experiments on ignited substances <i>Roebuck</i>	LXVI 509	
— Experiments on some mineral substances <i>Whitehurst</i>	— 575	
SUBTERRANEOUS FIRE. A species of subterraneous fire observed in Kent <i>Wolfe</i>	LXIX 11	
SUBTERRANEOUS STEAMS. Some observations on subterraneous steams <i>Nesbitt</i>	XXXV 307	VI 2 199
SUBTERRANEOUS TREE. Observations concerning subterraneous trees in Dagenham, and other marshes bordering upon the river Thames, in the county of Essex <i>Robinson</i>	XV 922	II 349
SUCK. Relation concerning an aged woman of 60 years, giving suck to her grand child <i>Derham</i>	XXVII 478	IV 2 219
— Account of a woman 68 years of age, who gave suck to two of her grand children <i>Anon.</i>	IX 100	III 80
— An account of a man who gave suck to a child <i>Stack</i>	XLI 140	IX 206
SUGAR. Microscopical observations on the figure of sugar and salt, and the probable cause of the difference of their taste <i>Robt. Bishop of Corke</i>	— 810	— 208
	X 380	III 683
		SUGAR.

	Transf.	Abridg.
SUGAR. An account of a sort of sugar made of the juice of maple in Canada - <i>Anon.</i>	XV 988	H 668
— Microscopical observations on the particles of chrystalized sugar - <i>Leeuw nhoek</i>	XXVI 444	V 2 388
— Observations upon the nature and properties of sugar - <i>Slars.</i>	XXVIII 273	V 353
— An account of the method of making sugar from the juice of the maple-tree in New England <i>Dudley</i>	XXXI 27	VI 2 379
— Account of the method of cultivating the sugar cane - <i>Cazoua</i>	LXIX 20;	
— Knowledge necessary to judge of any kind of sugar - <i>Mills</i>	LXX 318	
SULPHUR. A description of a Swedish stone which affords sulphur, vitriol, allum, and minium <i>Talbot</i>	I 375	II 531
— Some observations and experiments about vitriol, tending to find out the nature of that substance, and to give further light in the inquiry after the principles and properties of other minera's <i>Anon.</i>	IX 41	
— A continuation of a discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with, a metal; and then making out, that allum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and allum, do agree in the saline principle; and lastly declaring the nature of the salt in brimstone, and whence it is derived - <i>Anon.</i>	IX 66	— 544
— Two letters giving an account of a red colour produced by mixture of a sulphureous spirit with a volatile alkali - <i>Gibbens</i>	XX 542	III 367
— A relation of a stone quarry at Pyrmont, from which a sulphurous smoke issues like that from the cave at Naples, called the Grotto of Dogs, described by Misson, and others - <i>Serp</i>	XL 266	VIII 659
— A letter concerning a ball of sulphur supposed to be generated in the air <i>Cook</i>	— 427	— 522
— An account of two caves, one of ice, the other throwing out noxious exhalations <i>Belius</i>	XLI 41	— 662
— An easy method of procuring the volatile acid of sulphur - <i>Seshil</i>	XLIII 1	XI 1226
— Thoughts on the different impregnations of mineral waters; more particularly concerning the existence of sulphur in some of them <i>Russ</i>	LI 275	
— An account of the sulphureous mineral waters		

	Transf.	Abridg.
of Castle-Leod and Fairburn, in the county of Ross, and of the salt purging waters of Pit- keathly, in the county of Perth, in Scotland		
<i>Monro</i>	LXII 15	
SUMMER. An inquiry into the causes of a dry and wet summer - - - <i>Asana</i>	XLI 519	VIII 482
SUN. (In general) A method for finding the number of the Julian period for any year assigned, the number of the cycle of the sun, the cycle of the moon, and of the indictions for the same year, being given together, with a demonstration of that method - - - <i>Colin</i>	II 568	III 399
— A certain phenomenon seen in Prussia, about the sun, a little before his setting, and the moon's conjunction, and the sun's eclipse, (which was not seen by him) <i>Hévelius</i>	IX 26	
— A letter for correcting the hitherto assigned motions of the sun - - - <i>Flamsteed</i>	— 219	I 162
— Concerning the apparent magnitude of the sun and moon, or the apparent distance of two stars, when nigh the horizon, and when higher elevated - - - <i>Molyneux</i>	XVI 314	I 221
— The sentiments of Dr. Wallis on the foretold appearances - - - <i>Wallis</i>	— 323	— 225
— A discourse concerning a method of discovering the true moment of the sun's ingress into the tropical signs - - - <i>Halley</i>	XIX 12	— 266
— Observations on the meridian height of the sun, to investigate the elevation of the pole at Lisbon		
<i>Carbone</i>	XXXIV 95	
— An observation of an uncommon gleam of light proceeding from the sun - - - <i>Cassini</i>	XLIV 456	X 481
— Part of a letter concerning the gradual approach of the earth to the sun - - - <i>Euler</i>	XLVI 203	— 141
SUN. (Attraction of the) An estimate of the quantity of vapour raised out of the sea by the warmth of the sun, derived from an experiment shewn before the Royal Society - - - <i>Hallé</i>	XVI 366	II 108
— A resolution of a general proposition for determin- ing the hourly alteration of the position of the terrestrial equator, from the attraction of the sun and moon, with some remarks on the so- lutions given by other authors to that difficult and important problem - - - <i>Simpson</i>	L 416	
— On the precession of the equinoxes produced by the sun's attraction - - - <i>Milner</i>	LXIX 505	
SUN. (Conjunction with) An astronomical disserta-		

		Transf.	Abridg.
	tion on the visible conjunction of the inferior planets with the sun - <i>Halley</i>	XVII 511	
SUN.	(Distance from the earth) A computation of the distance of the sun from the earth <i>Herschel</i>	LVII 179	I 427
—	On the computation of the sun's distance from the earth by the theory of gravity <i>Herschel</i>	LIX 153	
SUN.	(Eclipses of the sun) Observations of the eclipse of the sun June 22, 1666. at London <i>Willoughby, Pope, Hook, and Philips</i>	I 295	I 280
	Madrid - - <i>Earl of Sandwich</i>	— 296	— 281
	Paris - - <i>Payen</i>	— —	— —
—	Calculation of the solar eclipse, July 2, 1666 <i>Hevelius</i>	— 369	— 282
	The reasons why, in this eclipse, the diameter of the moon did increase about the end <i>Auzout</i>	— 373	— 217
—	Observations of the solar eclipse of the sun, June 1, 1676 - <i>Smetwick</i>	XI 637	I 284
	<i>Cajon</i>	— —	
—	Observations on the eclipse of the sun, June 23, 1675, at Dantzick - <i>Hevelius</i>	— 660	— 284
—	Observations on the eclipse of the sun, June 11, 1676, in England <i>Flemstead, Townley, and Holton</i>	— 662	— 287
	Paris - - <i>Cassini</i>	— 664	— —
	Dantzick - - <i>Hevelius</i>	— 666	— 288
—	An observation on the solar eclipse of June 11, 1676, at Avignon - <i>Gallet</i>	XII 1020	— 289
—	Observation on an eclipse of the sun at Greenwich, July 2, 1684 <i>Flamsteed</i>	XIV 691	— 291
	Paris - <i>Bullialdus and Cassini</i>	— 693	— 292
	Calculation of the same eclipse, according to the Philolaic tables - <i>Flamsteed</i>	— —	
—	Observations of the solar eclipse, July 2, 1685, at Oxford - <i>Bernard</i>	— 747	— 294
	Lisbon - - - <i>Jacobs</i>	— 749	— 296
	Dublin - <i>Ash and Molyneux</i>	— —	
	Tredagh - <i>Osburn</i>	— —	
—	Some observations on the eclipse of the sun May 1, 1687, made at various places and sent to the Royal Society	XVI 370	— 296
—	Observations on the eclipse of the sun, July 12, 1684, at Bologna - <i>Gulielmini</i>	XVII 858	— 295
—	Observations on the eclipse of the sun, Sept. 13, 1699, at Oxford - <i>Gregory</i>	XXI 330	
—	Of the eclipse of the sun, Sept. 13, 1699, at Nuremberg <i>Wurzelbauer</i>	XXII 619	— 297

	Transf.	Abridg.
SUN (Eclipses,) June 12, 1694, and Nov. 27, 1703. observed at Cambridge, four miles from Bot- ton, in New England - <i>Brattle</i>	XXIV 1630	— 247 — 249
— May 12, 1706, observed at Greenwich <i>Flamstead</i>	XXV 2237	— —
Cante bury - - - <i>Gray</i>	— 2238	— 250
Horton, near Bradford, Yorkshire <i>Sharp</i>	— 2239	— 251
Bern, in Switzerland - - <i>Stannyan</i>	— 2240	— —
Geneva - - - <i>Duillier</i>	— 2241	— 252
Marfeilles - - - <i>Chazelles</i>	— 2244	— 253
Zurich - - - <i>Scheuchzer</i>	— 2246	— 254
— A letter giving his observations on the eclipse of the sun, Sept. 3. 1708, at Upminster <i>Derham</i>	XXVI 308	— 255
— Observations of the late total eclipse of the sun, on the 22d of April, 1715, with an account of what has been transmitted from abroad con- cerning the same - <i>Halley</i>	XXIX 245	— —
More accounts of the above from abroad <i>Anon.</i>	— 314	— 267
— Observations on the eclipse of the sun, Feb. 19, 1718, at Berlin - - - <i>Kirch</i>	XXX 820	— 268
At Nuremberg - - - <i>Wurtzelbaur</i>	— —	— —
— An observation of an eclipse of the sun, Nov. 27, 1722, at Greenwich - - <i>Halley</i>	XXXII 197	VI 171
London - - - <i>Graham</i>	— 198	— —
At Wakefield - - - <i>Hawkins</i>	— 199	— —
— Part of a letter concerning the eclipse of the sun, November 27, 1722 - <i>Robie</i>	XXXIII 67	— 172
— Observations on the eclipse of the sun, Sept. 23, 1726, at Padua - - - <i>Polenus</i>	XXXIV 157	— 173
— An observation of a solar eclipse made at Lisbon, Sept. 25, 1726 - <i>Carbone</i>	XXXV 335	— 174
— An account of the eclipse of the sun, July 15, 1730, N. S. at Wirtemberg - <i>Weidler</i>	XXXVI 394	— 182
— Observation of an eclipse of the sun, June 14, 1730, at Padua - - - <i>Polenus</i>	— 396	— 183
— An observation of an eclipse of the sun, July 15, 1730. made at Pekin <i>Kegler and Pereyra</i>	XXXVII 179	— —
— Observation on the solar eclipse, Nov. 27, 1722 <i>Robie</i>	— 273	— —
— An observation of the eclipse of the sun on May 2, 1733, at London <i>Graham</i>	XXXVIII 113	VIII 135
An account of the same eclipse at Norton- Court, and Otterden-Place <i>Wheler</i>	— 114	— 136
Of the same eclipse at Yeovil in Somersetshire <i>Milner</i>	— 116	— 137
— Observation of a total eclipse of the sun, made		

	Transf.	Abridg.
at Gothoburg, in Sweden, May 2, 1733, in latitude $57^{\circ} 45' 54''$ - <i>Valentinus</i>	XXXVIII 134	VIII 137
Sun (Eclipses.) An account of the eclipse of the sun observed May 2, 1733, at Wirtemberg <i>Weidler</i>	— 332	— 138
— Observation on the solar eclipse, Sept. 23, 1736, at London - <i>Bevis</i>	XL 98	— 139
— Observation on an eclipse of the sun, Feb. 18, 1736-7, at Philadelphia <i>Kearsey</i>	— 121	—
— A collection of the observations of the solar eclipse, Feb. 18, 1736-7, Fleet-Street <i>Graham</i>	— 175	—
Greenwich - <i>Bevis</i>	— 176	—
Edinburgh - <i>Mac Laurin</i>	— 177	— 140
Edinburgh - <i>Clerk</i>	— 195	— 149
Cambridge - <i>Kettering and Mason</i>	— 197	—
Bologna - <i>Anon.</i>	— 199	— 151
Rome - <i>Reuillas</i>	— 200	— 152
Wirtemberg - <i>Weidler</i>	— 204	—
— A collection of the observations of the eclipse of the sun, Aug. 4, 1738		
London - <i>Graham and Short</i>	XLI 91	— 153
Upsal - <i>Celsius</i>	— 92	— 154
Wirtemberg - <i>Weidler</i>	—	—
Benonia - <i>Monfredius</i>	— 94	—
— Observations on the eclipse of the sun, Aug. 4, 1739, at Witenberg - <i>Weidler</i>	— 226	— 113
— Observation of an eclipse of the sun, Dec. 19, 1739 - <i>Short</i>	— 633	— 172
— The sun's eclipse of July 14, 1748, observed at Marlborough House, with a twelve-foot refracting telescope, fixed as a finder to the tube of the great twelve-foot reflector <i>Revis</i>	XLV 521	X 6 8
— An observation of the eclipse of the sun at Berlin, July 14, 1748 - <i>Greschow</i>	— 524	— 483
— An eclipse of the sun, July 14, 1748, observed by the Earl of Morton, Mr. le Monnier, and Mr. James Short	— 582	— 69
— July 14, 1748, made at Madrid <i>Ulloa</i>	XLVI 10	— 77
— Observed at Rome, Jan. 8, 1750 <i>Maire</i>	XLVI 322	— 78
— Observed at Berlin Jan. 8, 1750 <i>Griscow and Kies</i>	— 339	—
— A description of a piece of mechanism, contrived by James Ferguson, for exhibiting the time duration, and quantity of solar eclipses in all places of the earth - <i>Ferguson</i>	XLVIII 520	—
— An observation of an eclipse of the sun made at Lisbon, Oct. 26, 1753 <i>Chervalier</i>	XLVIII 546	—

	Transf.	Abridg.
SUN (Eclipses.) An account of the eclipse of the sun, Oct. 16, 1762 - - - <i>Dunn</i>	LII 644	
— An account of the eclipse of the sun, April 1, 1764 - - - <i>Ferguson</i>	LIII 240	
— Observations on an eclipse of the sun, Oct. 17, 1762, at Ghjrotty, in the East Indies <i>Hirji</i>	LIII 259	
— Observation of the eclipse of the sun, April 1, 1764, London - - - <i>Short</i>	LIV 107	
Liverpool - - - <i>Bevis</i>	— 105	
Brompton Park - - - <i>Ferguson</i>	— 108	
Greenwich - - - <i>Dunn</i>	— 114	
Shirburn Castle - - - <i>Bliss</i>	— 141	
Oxford - - - <i>Anon.</i>	— 144	
Thorley Hall - - - <i>Hornby</i>	— 145	
Chatham - - - <i>Raper</i>	— 150	
— Observations on the eclipse of the sun, April 1, 1764, at Schwetzing - - - <i>Murray</i>	— 171	
— An observation of an eclipse of the sun, April 1, 1764, in the Roman college, by the Jesuits <i>Mayer</i>	— 169	
— Observations on the eclipse of the sun on the 16th August, 1765, made at Colombes, near Paris - - - <i>Messier</i>	— 254	
— Observation of the eclipse of the sun of August 16, 1765, made at Leyden <i>Lulof</i>	LVI 1	
— Observations on the eclipse of the sun of August 5, 1766, made at Colombes <i>Messier</i>	— 30	
— A letter containing the observations of the eclipse of the sun of August 16, 1765, and of the 5th of August, 1766, made at Calais, to- gether with some remarks on the first of these eclipses - - - <i>Prince de Croy</i>	— 259	
— An observation of the eclipse of the sun at the island of Newfoundland, August 5, 1766 <i>Cook</i>	— 262	
— Observations on the sun's eclipse 16th of August, 1765, at Caen in Normandy <i>Pigott</i>	LVII 215	
— Observations of an eclipse of the sun at Green- wich, 1769 - - - <i>Mackelyle</i>	— 402	
At Oxford - - - <i>Hornby</i>	LVIII 364	
At Shirburn Castle <i>Lord and Lady Maclefield</i>	LIX 172	
— A letter containing observations on the eclipse the sun, June 4, 1769, at Spital-square <i>Canton</i>	— —	
— Observation of the eclipse of the sun, June 4, 1769, at Kew - - - <i>Bevis</i>	— 192	
	— 189	

	Transf.	Abridg.
SUN (Eclipses.) At the North Cape <i>Bayly</i>	— 268	
— At Hawkhill - <i>Alemore and Luid</i>	— 342	
— At Kirknewton - <i>Bryce</i>	— 349	
— Observations on the eclipse of the sun made at the island of Hammerfoft, for the Royal Society <i>Dixon</i>	— 259	
— Observations of a solar eclipse, June 4, 1760, at Aisthorpe, near Leeds, Yorkshire <i>Smeaton</i>	— 286	
— Observations on the eclipse of the sun made at Gibraltar - <i>Jardine</i>	LIX 347	
— Observations on the eclipse of the sun, June 4, 1769, in the morning - <i>Wollaston</i>	— 407	
— Extract of a letter inclosing some account of a solar eclipse observed at the island of Otaheite, by Captain Wallis, July 25, 1767 <i>Wallis</i>	LXII 33	
— Observations on the solar eclipse which happened June 24, 1778 - <i>Wales</i>	LXVIII 1013	
— An eclipse of the sun, June 24, 1778, observed at Leicester - <i>Ludlam</i>	— 1019	
— Observations on the eclipse of the sun taken the 24th of June, 1778, on board the <i>Espagne</i> , in the passage from the Azores <i>Ulloa</i>	LXIX 105	
— Vide <i>Halo, Parelia</i>		
SUN. (Heat of the) A discourse concerning the proportional heat of the sun in all latitudes, with the method of collecting the same <i>Hally</i>	XVII 878	II 165
— Account of an experiment made with a thermometer, whose bulb was painted black, and exposed to the direct rays of the sun <i>Richard Watson</i>	LXIII 40	
SUN. (Horizontal) Some thoughts concerning the sun and moon, when near the horizon, appearing larger than when nearer the zenith <i>Logan</i>	XXXIX 404	VIII 377
— The description and use of an apparatus, added as an improvement to Davis's quadrant, consisting of a mercurial level, for taking the altitude of sun or star at sea, without the usual assistance of the sensible horizon, which is often obscured - <i>Leigh</i>	XL 417	— 362
— An attempt to assign the cause why the sun and moon appear to the naked eye larger when they are near the horizon; with an account of several natural phenomena, relative to this subject - <i>Dum</i>	LII 462	
SUN (As applied for determining the longitude.) An instrument for seeing the sun, moon, or stars		

	Trans.	Abridg.
pass the meridian of any place, useful for setting watches in all parts of the world with the greatest exactness, to correct sun-dials, to assist in the discovery of the longitudes of places		
<i>Derham</i>	XXIV 1578	IV 464
SUN (As applied for determining the longitude.) A letter containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship from time to time; together with the whole process of computation used on this occasion - <i>Maskeelyne</i>	LII 558	
— Track of his Majesty's armed brig Lion, from England to Davis's Straights, and Labrador, with observations for determining the longitude by sun and moon, and error of common reckoning; also the variation of the compass and dip of the needle, as observed during the said voyage in 1776 - <i>Pitchee/gil</i>	LXVIII 105	
SUN. (parallax) Of the correspondency to be procured for finding out the true distance of the sun and moon from the earth, by the parallax, observed under (or near) the same meridian <i>Oldenburg</i>	I 151	I 300
— A particular method by which the parallax of the sun, or its distance from the earth, may be ascertained by the assistance of the transit of Venus over the sun - <i>Halley</i>	XXIX 454	IV 214
— An account of the sun's distance from the earth deduced from Mr. Short's observations relating to the horizontal parallax of the sun <i>Davut</i>	LIII 1	
— Second paper concerning the parallax of the sun determined from the observations of the late transit of Venus - <i>Short</i>	— 300	
— A discourse on the parallax of the sun <i>Hornby</i>	— 467	
— Concise rules for computing the effects of refraction and parallax in varying the apparent distance of the moon from the sun or a star; also an easy rule of approximation for computing the distance of the moon from a star, the longitudes and latitudes of both being given, with demonstrations of the same <i>Maskeelyne</i>	LIV 263	
— Supplement to Mr. Pingré's memoir on the parallax of the sun; deduced from his observations on the transit of Venus, vol. LII, p. 371 <i>Pingré</i>	— 152	

	Transf.	Abridg.
SUN (Parallax.) An essay on the connection between the parallaxes of the sun and moon, their densities, and their disturbing forces on the ocean <i>Murdock</i>	LVIII 24	
— A determination of the solar parallax attempted, by a peculiar method, from the observations of the last transit of Venus, in a letter to James Short <i>Planman</i>	— 107	
— The quantity of the sun's parallax as deduced from the transit of Venus, June 3, 1769 <i>Hornby</i>	LXI 574	
— A deduction of the sun's parallax from the comparison of the several observations of the late transit of Venus, made in Europe, with those made in George island in the South Seas, by Mr. Lexell <i>Euler</i>	LXII 69	
SUN (Spots in the) Accounts of some spots of the sun, observed at Paris, Aug. 1671 <i>Cassini</i>	VI 2238	
— New observations of spots in the sun, made at Paris, Aug. 11, 12, and 13, 1671 <i>Cassini</i>	— 2250	
— Observations of some of the spots in the sun, renewed after they had passed over the upper hemisphere of the sun <i>Hook</i>	— 2295	I 227
— Observations on the spots of the sun <i>Cassini</i>	— 3020	— 275
— Letter concerning the spots of the sun returned Nov. 1, 1671 <i>Fogelius</i>	— 3033	— 277
— Observations concerning the spots in the sun appearing in July and August, 1676 <i>Farnstead and Halley</i>	XI 687	— 278
— Observations on a spot lately seen in the sun <i>Cassini</i>	— 689	— 279
— An account of a spot seen in the sun from April 25, to May 8, 1684 with the line of its course predicted if it makes a second return <i>Flamsteed</i>	XIV 535	— —
— Two letters concerning the spots of the sun observed in June, 1703 <i>Gray</i>	XXIII 1502	IV 229
— Some observations on the spots of the sun <i>Derham</i>	— 1504	— 230
— Observations made on the spots upon the body of the sun in the months of May, June and July, 1704 <i>Stannyan</i>	XXIV 1756	— 232
— Observations upon the spots that have been upon the sun from the year 1703 to 1711; with a letter of Mr. Crabtree in the year 1640 upon the same subject <i>Derham</i>	XXVII 270	— 235
Further account <i>Derham</i>	— 278	— 230

	Transf.	Abridg.
SUN. (Spots in the) An attempt to determine the height of the sun's atmosphere from the height of the solar spots above the sun's surface <i>Horley</i>	LVII 398	
— Observations on the solar spots <i>Wilson</i>	LXIV 1	
— Sketches of the solar spots <i>Marshall</i>	— 194	
SUN. (Solar tables) Some considerations on a late treatise, intituled, A new set of logarithmic solar tables, &c. intended for a more commodious method of finding the latitude at sea by two observations of the sun <i>Pemberton</i>	LI 910	
SUN. (Transit of Mercury) An account of the appearance of Mercury, passing over the sun's disk on the 29th of October, 1723; determining the mean motion, and fixing the nodes of that planet's orb - <i>Halley</i>	XXXIII 228	VI 253
— An observation of the passage of Mercury over the sun, Oct. 31; 1738 <i>Huxham</i>	XLI 640	IX 164
— The differences of longitude between the Royal Observatories of Greenwich and Paris, determined by the observations of the transits of Mercury over the sun in 1723, 1736, 1743, 1753, - - <i>Short</i>	LIII 158	
— Observations on the transit of Mercury over the disk of the sun - <i>Mehr</i>	LXI 433	
SUN. (Transit of Venus) Dissertation on the next transit of Venus over the sun <i>Boscovich</i>	LI 865	
— The observations on the internal contact of Venus with the sun's limb, in the late transit, made in different parts of Europe, compared with the time of the same contact, observed at the Cape of Good Hope, and the parallax of the sun thence determined <i>Short</i>	LII 611	
— Observations on the transit of Venus over the disk of the sun - <i>Mehr</i>	LXI 433	
— See <i>Venus</i>		
SUN DIALS. Vide <i>Dials</i>		
SUN FISH. A paper concerning the mola folis, or sun-fish, and a glue made of it <i>Barlow</i>	LXI 343	IX 73
SUN-PLANT. Of the culture and uses of the sun or sun plant of Hindostan, with the account of the manner of manufacturing the Hindostan paper - <i>Ironside</i>	LXIV 99	
SURATTE. Inquiries for Suratte, and other parts of the East-Indies - <i>Royal Society</i>	II 415	III 632
SURD ROOTS. A discourse concerning the methods of approximation in the extraction of surd roots <i>Wallis</i>	XIX 2	I 98
		SURFACE.

	Transf.	Abridg.
SURFACE. An experiment touching the weighing of bodies of the same species, but of very unequal surfaces, in common air <i>Haukbee</i>	XXVI 306	IV 2 181
— Propositions selected from a paper on the division of right lines, surfaces, and solids <i>Glenie</i>	LXVI 73	V 204 — 389
SURGERY. Two chirurgical cases <i>Amyand</i>	XXVI 170	— 389
— Various observations in a journey through Italy, begun 1703 — <i>Breynius</i>	XXVII 447	V 2 136
— Remarks on a collection of ancient chirurgical writers in the Grand Duke's library <i>Schelhammer</i>	— 459	
— An account of two remarkable cases in surgery <i>Steigertball</i>	XXXI 79	VII 665
— An extraordinary case in surgery, of tumours <i>Atkinson</i>	XXXIII 340	— 666
— Three extraordinary cases in surgery <i>Sheerman</i>	XLI 138	IX 253
— A description of a machine for dressing and curing unweildy patients — <i>Le Cat</i>	XLII 364	— 272
— Extract of a letter relating to two remarkable cases in surgery — <i>Huxham</i>	LII 515	
SURVEYING. A demonstration of an error committed by common surveyors, in comparing of surveys taken at long intervals of time, arising from the variation of the magnetic needle <i>Molyneux</i>	XIX 625	I 125
— A new plotting table, for taking plans and maps in surveying, invented in 1721 <i>Beighton</i>	XLI 747	VIII 228
— A recommendation of Hadley's quadrant for surveying, especially of harbours, together with a particular application of it in some cases of pilotage — <i>Michell</i>	LV 70	
SURVIVORSHIP. A letter concerning the value of an annuity for life, and the probability of survivorship — <i>Dodson</i>	XLVIII 487	
— Observations on the proper methods of calculating the values of reversions dependent on survivorships — <i>Prieo</i>	LX 268	
— See <i>Annuities, Mortality</i>		
SUSSEX. See <i>Antiquities</i>		
SWALLOWS. Letter concerning the migration of swallows — <i>Klein</i>	LI 459	
— Remarks on swallows on the Rhine <i>Collinson</i>	LIII 101	
— Of the house-swallow, swift, and sand-martin <i>White</i>	LXV 258	

	Transl.	Abridg.
SWALLOWS. Of the torpidity of swallows and martins		
— <i>Cornifb</i>	LXV 343	
SWAMMERDAM. Notes upon his book of insects		
— <i>Lifter</i>	VI 2281	
SWAN. Remarks about the new star, near the beak of the Swan	V 2023	
— A new star discovered in the constellation of the Swan in 1670	— 2087	I 248
— Account from Paris of the earlier discovery of the same star	— 2092	— 248
SWEAT. Microscopical observations concerning sweat,		
— <i>Leeuwenhoek</i>	IX 128	
— An extract of a letter containing microscopical observations on sweat, &c.	XVII 949	III 685
SWEATING-ROOM. A description of a Roman sudatory, or hypocaustum, found at Wroxeter, in Shropshire, 1701	XXV 2225	
— Another letter	— 2228	
— Two letters relating to Wroxeter, and the hypocausta of the ancients	— —	
— An account of an extraordinary cure by sweating in hot turff; with a description of the Indian hot-houses	XXXIII 129	VII 669
— An account of the remains of a Roman hypocaustum, or sweating-room, discovered under ground at Lincoln, in 1739	XLI 855	IX 455
SWEDEN. See <i>Coins</i>		
— A short account of some Swedish minerals, sent to Mr. James Petiver	XXVIII 222	IV 2 286
SWEETS. Observations on the class of sweet reses, made by comparing the tastes of sweet plants with M. L'Emery's chymical analysis of them, in his treatise of drugs	XXIII 1160	V 406
SWELLING. An observation concerning a very odd kind of dropsy, or swelling, in one of the ovaries of a woman	XXI 150	III 207
SWIFT. Of house-swallows, swifts, and sand-martins	LXV 258	
SWIMMING. Considerations on the swimming bladders in fishes	X 349	II 846
SWORD. Case of a man wounded in the left eye by a small sword	LIII 234	
SYCAMORE. Observations on some sycamore trees	V 1201	
— Account of the bleeding of	— 2067	II 686
SYLLEY. An account of the great alterations which		

	Transf.	Abridg.
the islands of Sylley have undergone since the times of the antients, who mention them as to their number, extent, and position <i>Borlase</i>	XLVIII 55	
SYMPATHY. Of one who pretended to cure, or cause diseases, at a distance, by applying a sympathetic powder to the urine <i>Leeuwenhoek</i>	XIX 512	III 685
SYRINGING. An account of what happened on syringing warm water into the thorax of a bitch <i>Musgrave</i>	XX 181	— 78
SYRUP. Account of Mr. Alexander Orm's pectoral syrup, sent in a letter from Calcutta, 1733 <i>Anon.</i>	XLI 769	IX 371

T.

TABERG. An account of a mountain of iron ore at Taberg in Sweden - <i>Ascanius</i>	XLIX 30	
TABLES. Patterns of the tables proposed to be made for observing of tides - <i>Moray</i>	I 311	II 365
With other inquiries touching the sea <i>Boyle</i>	— 315	— 297
— A description of a mathematical historical table <i>Megerlin</i>	XI 667	
— An ingenious proposal for a new sort of maps of countries, together with tables of sands and clays, such chiefly as are found in the north parts of England - <i>Liften</i>	XIV 739	— 450
— An estimate of the degrees of the mortality of mankind, drawn from various tables of the births and funerals at the city of Breslaw, with an attempt to ascertain the price of annuities upon lives. - <i>Halle</i>	XVII 596	
— Emendations and notes upon the antient astronomical observations of Al'batenius, with the restoration of his luni-solar tables <i>Hale</i>	— 913	II 522
— A table of the waxes in Lincolnshire <i>Merrill</i>	XIX 392	II 267
— A new method for making logarithms, and finding the number corresponding to a logarithm given, with tables - <i>Long</i>	XXIX 52	IV 160
— The barometrical method of measuring the height		

	Transl.	Abridg.
height of mountains, with two new tables, showing the height of the atmosphere at given altitudes of Mercury - <i>Schuchzer</i>	XXXV 537	VI 2 30
TABLES. Calculations and tables relating to the attractive virtue of load-stones - <i>Anon.</i>	XXXVI 245	— 304
— Thermometrical tables and observations - <i>Stedman</i>	XLVII 4	
— A view of the relation between Dr. Halley's tables, and the notions of Mr. de Buffon, for establishing a rule for the probable duration of the life of man - <i>Kerffboom</i>	XLVIII 239	
— Elements of new tables of the motions of Jupiter's satellites - <i>Dunthorne</i>	LII 105	
— A comparative table of the corresponding observations of the first satellite of Jupiter, made in the principal observatories - <i>Wrighton</i>	LXVII 162	
TACKLE. A description of a new tackle, or combination of pulleys - <i>Smeaton</i>	XLVII 494	
TADMOR. An extract of the Journals of two several voyages of the English merchants, of the factory of Aleppo, so Tadmor, antiently called Palmyra - <i>Anon.</i>	XIX 129	III 489 — 492
TADPOLES. Some observations made on the spawn of frogs, and the production of tadpoles therein - <i>Waller</i>	XVII 523	II 818
— Letter concerning the circulation and stagnation of the blood in tadpoles - <i>Lecurwenboek</i>	XXII 447	III 685
TATACA. <i>Seu Aper Mexicanus Moschiferus</i> , or the anatomy of the Mexico musk hog - <i>Tyson</i>	XIII 359	II 873
TALC. Account of stone quarries and talc rocks in Hungary - <i>Oldenburg and Brown</i>	V 1044	
TANGENTS. A breviat concerning Dr. Wallis's two methods of tangents - <i>Wallis</i>	VII 4010	I 116
— Short and easy method of drawing tangents to all geometrical curves, without any labour of calculations - <i>Slusius</i>	— 5143	— 18
— Easy way of demonstrating his method of drawing tangents to all sorts of curves, without any labour of calculation - <i>Slusius</i>	VIII 6059	— 21
— An easy demonstration of the analogy of the logarithmick tangents to the meridian line, or sum of the secants, with various methods for computing the same to the utmost exactness - <i>Halley</i>	XIX 202	— 577
— Of the tangents of curves, deduced immediately		from

	Transl.	Abridg.
from the theory of maxima and minima <i>Ditton</i>	XXIII 1333	IV 7
TANGENTS. Letter containing an explanation of the late Dr. Halley's demonstration of the analogy of the logarithmic tangents to the meridian line, or sum of the secants <i>Robertson</i>	XLVI 539	X 256
TANGIER. A catalogue of plants growing within the fortifications of Tangier in 1673 <i>Spottiswood</i>	XIX 239	II 752
TANNING. An improved method of tanning leather <i>Macbride</i>	LXVIII 111	
TAPESTRY. An account of weaving tapestry in the same manner as brocades <i>Martine</i>	XXXVII 101	VI 469
TAPPING. A remarkable case of a gentlewoman who died of an hydrops ovarii, in the 33d year of her age, after having been tapped 57 times <i>Belchier</i>	— 279	VII 544
— The case of Mr. Cox, surgeon at Peterborough, who fell into a pestilential fever upon tapping a corpse dead of an hydropsy <i>Cox</i>	XLI 168	IX 212
— Ascites, cured by — <i>Banyer</i>	XLII 628	— 151
— An improvement on the practice of tapping, whereby that operation, instead of a relief for symptoms, becomes an absolute cure for an ascites, exemplified in the case of Jane Roman <i>Harwick</i>	XLIII 12	XI 1030
— A method of conveying liquors into the abdomen during the operation of tapping <i>Hales</i>	— 20	
— See <i>Dropfy</i>		
TAR. An account of making pitch, tar, and oil, out of a blackish stone in Shropshire <i>Ele</i>	XIX 544	
— The way of making pitch, tar, rosin and turpentine, near Marseilles <i>Bent</i>	XX 291	
TARANTULA. An inquiry concerning tarantula's <i>Lifter</i>	VI 3002	II 912
— Observations made of persons pretending to be stung with tarantula's — <i>Cornelio</i>	VII 4066	III 285
— Some account of the tarantula <i>Cirillo</i>	LX 233	
TARTARY. A voyage of the Emperor of China into Eastern Tartary, 1682 <i>Anon</i>	XVI 39	— 632
— A voyage of the Emperor of China into the Western Tartary, 1683 <i>Anon.</i>	— 52	— —
— An explanation necessary to justify the geography supposed in these letters <i>Anon.</i>	— 62	— —
— An account of a large and curious map of the Great Tartary — <i>Wittem</i>	XVII 492	
TASTE. Microscopical observations about the texture		

	Transf.	Abridg.
of the blood, the sap of some plants, the figure of sugar and salt, and the probable cause of the difference of their tastes		
— <i>Leeuwenhoek</i>	X 380	III 683
TASTE. Letter concerning the different tastes of waters	XXII 899	V 2 266
— <i>Leeuwenhoek</i>		
— Observations on the taste of sweet tails, made by comparing the tastes of sweet plants, with Mr. L'Henné's chymical analysis of them, in his treatise of rugs	XXIII 1166	V 406
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbage, or autumnal leaves, &c. also to sweeten stinking water	XLIX 339	
TAURUS. An account of an occultation of the star ζ Tauri, by the moon, observed at Leicester	LX 355	
— <i>Ludlam</i>		
— Occultation of α or of γ Tauri and other stars by the moon	LXV 280	
TEA. An account of a voyage to Chusan, in China, with a description of the Island, of the several sorts of tea, of the fishing, agriculture of the Chinese, &c. with several observations not hitherto taken notice of	XXIII 1201	V 2 171
TEARS. Microscopical observations concerning sweat, fat, tears, &c.	IX 128	
TEETH. Two cases of persons cutting teeth in their old age	I 380	III 297
— <i>Colepeffer</i>		
— Microscopical observations of the structure of teeth, and other bones	XII 1002	— 684
— <i>Leeuwenhoek</i>		
— Microscopical observations about animals in the scum of the teeth, the substance called worms in the nose, &c.	XIV 568	— —
— <i>Leeuwenhoek</i>		
— Concerning animalcules found in teeth	XVII 646	— —
— <i>Leeuwenhoek</i>		
— Of a venomous scratch with the tooth of a porpus, its symptoms, and cure	XIX 726	II 842
— <i>Lyster</i>		
— Observations on teeth	— 790	III 665
— <i>Leeuwenhoek</i>		
— Letter concerning worms pretended to be taken from the teeth	XXII 635	— 686
— <i>Leeuwenhoek</i>		
— Part of a letter concerning a person who had a new set of teeth after 80 years of age; with some observations upon the virtues and properties of sugar	XXVIII 273	V [353]
— <i>Slor</i>		
— A letter giving an account of some large teeth		

lately

	Transf.	Abridg.
lately dug up in the north of Ireland	<i>Nevile</i> XXIX 367	IV 2 236
Remarks on the above	<i>Molyneux</i> — 370	— 237
TEETH. An account of elephants teeth and bones found		
under ground	<i>Sloane</i> XXXV 457	VI 2 205
Part 2	<i>Sloane</i> — 497	— 211
— A letter concerning a cluster of small teeth observed at the root of each fang, or great tooth, in the head of a rattle snake, upon dissecting it	<i>Bartram</i> XLI 358	IX 60
— Letter concerning an extraordinary large fossil tooth of an elephant	<i>Baker</i> XLIII 331	X 599
— An account of some very large fossil teeth found in North America	<i>Collinson</i> LVII 464	
Sequel to the account	<i>Collinson</i> — 468	
— A dissertation on the bones and teeth of elephants, and other beasts, found in North America, and other northern regions, by which it appears they are the bones of indigenous beasts	<i>Raspe</i> LIX 126	
TELESCOPES. Judgment touching the apertures of object glasses, and their proportions, in respect to the several lengths of telescopes, together with a table thereof	<i>Auzout</i> I 55	I 191
— Of M. Hevelius's promise of imparting to the world his invention of making optick glasses; and of the hopes given by Mr. Hugen, of Zulichem, to perform something of the like nature; as also of the expectations conceived of some ingenious persons in England to improve telescopes	<i>Hevelius, Hugen, and Du Sols</i> — 98	— 193
— Instance to Mr. Hook, for communicating a contrivance of making, with a glass of a sphere of 20 or 40 feet diameter, a telescope, drawing several hundred feet, and of his offer of recompensing that secret with another teaching to measure, with a telescope, the distances of objects from the earth	<i>Auzout</i> — 123	
— A method by which a glass of a small plano-convex sphere, may be made to refract the rays of light to a focus of a far greater distance than is usual	<i>Hook</i> — 202	—
— Method of polishing telescopic glasses by a turn-lathe, and the making of an extraordinary burning glass at Milan	<i>Anon.</i> III 795	— 194
— An account of a new catadioptrical telescope invented by Mr. Newton	<i>Newton</i> V 4004	I 197
Further suggestions about his reflecting telescope;		

	Transf.	Abridg.
scope; together with his table of apertures and charges for the several lengths of that instrument <i>Newton</i>	— 4032	— 200
Answer to some objections made by an ingenious French philosopher, to the new reflecting telescope <i>Newton</i>	— 4034	— 201
Some considerations upon part of a letter of M. de Berce, concerning the catadioptrical telescope, pretended to be improved and refined by M. Casségrain <i>Newton</i>	— 4056	— 204
TELESCOPES. The effects of the different refractions of the rays in telescopical glasses <i>Anon.</i>	VIII 6086	— 156
— Hopes of perfecting telescopes by reflections rather than refractions <i>Newton</i>	— 6087	— 158
— The use of telescopic sights in astronomical observations <i>Hévelius</i>	IX 27	— 221
— A sure and easy way to make all sorts of great telescopical glasses, with a generous offer of furnishing industrious astronomers with them <i>Borelli</i>	XI 691	— 195
— Letter about the price of his telescopes <i>Borelli</i>	XII 1005	— 195
— The description of an aerial telescope <i>Hugens</i>	XIV 668	
— A dioptrick problem, why four convex-glasses in a telescope shew objects erect <i>Molyneux</i>	XVI 169	— 189
— Extracts from Mr. Gascoigne's and Mr. Crabtree's letters, proving Mr. Gascoigne to have been the inventor of the telescopick sights of mathematical instruments, and not the French <i>Derham</i>	XXX 603	IV 345
— A way for myopes to use telescopes without eye glasses, an object glass becoming as useful to them, and sometimes more, than a combination of glasses <i>Desaguliers</i>	— 1017	— 188
— Some remarks upon the method of observing the differences of right ascension and declination, by cross hairs in a telescope <i>Halley</i>	XXXI 113	VI 165
— An account of a catadioptrick telescope made by John Hadley, Esq. with the description of a machine, contrived by him, for applying it to use <i>Hadley</i>	XXXII 303	
— A letter concerning observations made with Mr. Hadley's reflecting telescope <i>Pound</i>	— 382	VI 221
— Observations on the satellites of Jupiter and Saturn, made with the same telescope <i>Hadley</i>	— 385	—
— A new method of improving and perfecting catadioptrical telescopes by forming the speculums of glass instead of metal <i>Smith</i>	XLI 326	VIII 113

	Transl.	Abridg.
TELESCOPES. The description and uses of an equatorial telescope - <i>Short</i>	XLVI 241	X 154
— Letter concerning an improvement of refracting telescopes by increasing the number of eye-glasses to enlarge the field of view <i>Dollond</i>	XLVIII 103	
— Letter relating to a theorem of Mr. Euler to correct the aberrations in the object glasses of refracting telescopes <i>Short, Euler, and Dollond</i>	— 287	
— An account of some new experiments concerning the different refrangibility of light by water, and different kinds of glass; and of a method thence deduced, of correcting the errors arising from the different refrangibility of light in the object-glasses of refracting telescopes <i>Dollond</i>	L 73	
— An account of an improvement made by Mr. Dollond in his new telescopes, by composing his object-glasses of two convex lenses of crown glass, and one concave lens of white flint <i>Dollond</i>	LV 54	
— A method of working the object glasses of refracting telescopes truly spherical <i>Short</i>	LIX 507	
— Description and use of a new constructed equatorial telescope, or portable observatory <i>Nairne</i>	LXI 107	
— An improvement proposed in the cross wires of telescopes - <i>Wilson</i>	LXIV 105	
— Directions for making the best composition for the metals of reflecting telescopes; together with a description of the process for grinding, polishing, and giving the great speculum the true parabolic curve - <i>Mudge</i>	LXVII 296	
— Account of an iconantidiptic telescope <i>Jaurat</i>	LXIX 130	
TEMPERATURE OF THE EARTH. Advertisements of the warm and fertilizing temperature of the earth, stones, rocks, &c. - <i>Beal</i>	X 357	II 741
TEMPERS. An essay tending to make a probable conjecture of tempers by the modulations of the voice in ordinary discourse - <i>Enl</i>	XII 1010	III 61
TEMPESTS. Advertisements of black winds, tempests, &c. - <i>Beal</i>	X 357	
TEMPLE. An explanation of the figures of a Pagan temple, and unknown characters at Cannara, in Salsit - <i>Stuart</i>	XXVI 372	V 260
— Part of a letter concerning the remains of an antient temple in Ireland, and of a stone hatchet of the antient Irish <i>Bishop of Cork</i>	XLII 581	IX 457
TENDON. An account of stitching the great tendon		

	Transf.	Abridg.
between the calf of the leg and heel, with its union and cure, after an entire division of it, with remarks - <i>Cowper</i>	XXI 153	III 498
TENDON. An account of the case of the first joint of the thumb torn off, with the flexor tendon in its whole extent torn out - <i>Home</i>	L 617	
— Case of William Carey, aged 19, whose tendons and muscles were turned into bones <i>Henry</i>	LI 89	
Further account - <i>Henry</i>	— 92	
TENERIFFE. An account of a journey from the port of Oratava, in the island of Teneriffe, to the top of the pike in that island, in Aug. 1715, with observations thereon by <i>Edens</i>	XXIX 317	V 2 148
— Observations made in going up the Pic of Teneriffe - <i>Heberden</i>	XLVII 353	
— Some account of a salt found on the Pic of Teneriffe - <i>Heberden</i>	LV 57	
TERCERA. Part of a letter concerning a new Island lately raised out of the sea near Tercera <i>Forster</i>	XXXII 100	VI 2 203
TERNATA. An account of the upper part of the burning mountain in the isle of Ternata, according to the view taken thereof <i>Witzem</i>	XIX 42	II 392
TERRELLA. A letter about the load-stone, where chiefly the suggestion of Gilbert, touching the circumvolution of a globous magnet, called terrella, and the variation of the variation is examined - <i>Petit</i>	II 527	— 607
TESSELLATED WORK. Part of a letter concerning an antient tessellated or Mosaick work at Leicester - <i>Carte</i>	XXVII 324	
TESSERA. A brief account of a Roman tessera <i>Ward</i>	XLV 224	XI 1321
TESTICLE. Testis examinatus, formerly printed at Florence, by Vauclius Dathirius Bonglarus, now reprinted, because the subject is under a severer examination among the curious anatomists both here, in France, and Holland <i>Bonglarus</i>	III 843	III 191
— Anatomical observations in the body of a woman about 50 years of age, who died hydropical in her left testicle - <i>Sampson</i>	XII 1000	— 206 — 218
— An account of the forming of a foetus in the testicle - <i>Maurice</i>	XIII 285	— 212
— Examination of the testicle of a rat, and the seed of muscles, oysters, &c. <i>Leeuwenboek</i>	XVII 593	— 685
TESTIMONY. A calculation upon the credibility of human testimony - <i>Anon.</i>	XXI 359	— 662

	Transl.	Abridg.
TETANUS. Observations upon the effects of electricity applied to a tetanus, or muscular rigidity of four months continuance <i>W. Watson</i>	LIII 10	
THALES. Letter concerning the year of the eclipse foretold by Thales <i>Coffard</i>	XLVIII 17	
— An account of the eclipse predicted by Thales <i>Stukeley</i>	— 221	
THERMOMETER. An account of several experiments made to examine the nature of the expansion and contraction of fluids by heat and cold, in order to ascertain the divisions of the thermometer, and to make that instrument in all places, without adjusting by a standard <i>Halley</i>	XVII 650	II 33
— Observations on the thermometer and magnetic needle, in his voyage to the Cape of Good Hope, 1700, <i>Cunningham</i>	XXII 577	
— Account of a new thermometer depending on the variation of the spring of the air by heat and cold <i>Geoffroy</i>	— 962	
— An account of an experiment made to ascertain the proportion of the expansion of the liquor in the thermometer, with regard to the degrees of heat <i>Taylor</i>	XXXII 291	VI 2 49
— A meteorological, barometrical, thermometrical, epidemical, and magnetical diary, kept at Utrecht, 1729 <i>Van Muschenbroek</i>	XXXVII 357	VII 4 71 — 86 — 90
1730 and 1731 <i>Van Muschenbroek</i>	— 408	
— Extract of a letter concerning the construction of a quicksilver thermometer, and his observations on the eclipses of Jupiter's satellites, in the years 1731 and 1732 <i>Delisle</i>	XXXIX 221	VIII 467
— Description of the thermometer <i>Pickering</i>	XLIII 5	
— A letter concerning the difference of the degrees of cold, marked by a thermometer kept within doors, or without in the open air, Dec. 1, 2, 3, 1747 <i>Miles</i>	XLIV 613	X 433
— A discourse concerning the usefulness of thermometers in chymical experiments, and concerning the principles on which the thermometers now in use have been constructed; together with the description and uses of a metalline thermometer, newly invented <i>C. Mortimer</i>	— 672	— 435
— A letter concerning a metalline thermometer, in the Museum of the Gentlemen's Society, at Spalding <i>Johnson</i>	XLV 128	— 426
— A letter concerning thermometers, and some observations		

— observations of the weather	<i>Miles</i>	Transf. XLVI 1	Abridg. X 447
— A letter of the near agreement of thermometers in London and at Tooting	<i>Miles</i>	XLVI 208	— 471
Thermometer. Tables and observations	<i>Stedman</i>	XLVII 4	
— Thermometrical observations made by M. Demitoff, at Slikamsky, on the borders of Siberia, lat. 59°, in 1751, by a thermometer adapted to M. de L'Isle's scale, which, in this extent, are reduced, likewise to those of Fahrenheit, and M. Reaumur	<i>E. of Macclesfield</i>	XLVIII 108	
— A comparison of different thermometrical observations in Siberia	<i>W. Watton</i>	— 108	
— An account of the state of the thermometers, on the 8th and 9th of February, 1755	<i>Miles</i>	XLIX 43	
— An account of the state of the thermometer at the Hague, Jan 9 1757	<i>Tremby</i>	L 148	
— A description of some thermometers for particular uses	<i>Cavendish</i>	— 300	
— Thermometrical account of the weather in Maryland for four years, 1753 to 1757	<i>Brooke</i>	LI 58 70	
— A description of a metalline thermometer	<i>Fitzgerald</i>	— 823	
— A description of a new thermometer and barometer	<i>Fitzgerald</i>	LII 146	
— Thermometrical observations at Derby	<i>Whitehurst</i>	LVII 265	
— Observations on the barometer, thermometer, and rain, at Plymouth, 1767	<i>Farr</i>	LVIII 136	
— Account of an experiment made with a thermometer, whose bulb was painted black, and exposed to the direct rays of the sun	<i>K. Watson</i>	LXIII 40	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon, in Rutland, 1772	<i>Barker</i>	— 221	
— Extract of a register of the barometer, thermometer, and rain in Lyndon, in Rutland 1773	<i>Barker</i>	LXIV 202	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon, in Rutland, 1774	<i>Barker</i>	LXV 199	
— An account of some thermometrical observations at Allahabad, in the East Indies, in latitude 25° 30' N. during the year 1767, and a continuation during a voyage from Madras to England, in the year 1774	<i>Sir Robert Barker</i>	— 202	

	Trans.	Abridg.
THERMOMETER. Extract of a register of the barometer, thermometer, and rain, at Lyndon, in Rutland, 1775 - - <i>Barker</i>	LXVI 370	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1776 <i>Barker</i>	LXVII 350	
— The report of the Committee appointed by the Royal Society to consider of the best method of adjusting the fixed points of thermometers, and of the precautions necessary to be used in making experiments with those instruments <i>Committee of the Royal Society</i>	— 816	
— Abstract of a register of the barometer, thermometer, and rain at Lyndon, in Rutland, 1777 <i>Barker</i>	LXVIII 554	
— A register of the barometer, thermometer, and rain at Lyndon, in Rutland 1778 <i>Barker</i>	LXIX 547	
— Register of the barometer, thermometer, and rain, at Lyndon, in Rutland, 1779 <i>Barker</i>	LXX 474	
— Thermometrical experiments and observations <i>Cavallo</i>	— 587	
— See <i>Heights, Meteorological Observations</i>		
THERMOSCOPE. Some observations concerning the baroscope and thermoscope <i>Wallis & Beale</i>	IV 1113	II 32
THIBET. An account of the kingdom of Thibet <i>Stewart</i>	LXVII 465	
THIGH. A letter concerning a woman of 62 years of age, that lost her leg, and greatest part of her thigh, by a gangrene <i>Caley</i>	XXVI 41	V 389
— Observations on a fracture in the upper part of the thigh bone - <i>Douglas</i>	XXIX 499	— 388
— The case of Grace Lowdell, aged about 60 years, who had an extraordinary tumour on her thigh - - <i>Chandler</i>	XLI 365	IX 236
— The description and draught of a machine for reducing the fracture of the thigh <i>Ettrick</i>	— 562	— 254
— An account of a large piece of the thigh-bone which was taken out, and its place supplied by a callus - - <i>Richardson</i>	— 761	
THIGH. See <i>Aneurism, Luxation</i>		
THORACICUS DUCTUS. A new discovery of the communication of the ductus thoracicus with the emulgent vein - <i>Pecquet</i>	II 461	III 258
— Annotations upon a discovery pretended to have been made by M. Pecquet of a communication between the ductus thoracicus and the vena cava - <i>Necubam</i>	VII 5007	— 259

	Trans.	Abridg.
THORACIC DUCT. Account of an ossification of the thoracic duct - <i>Chester</i>	LXX 323	
<i>Chester</i>	— 578	
THORAX. An account of what happened on syringing warm water into the thorax of a bitch <i>Musgrave</i>	XX 181	III 78
— Letter concerning a child who had its intestines, mesentery, &c. in the cavity of the thorax <i>Holt</i>	XXII 992	V 269
— An account of a præter-natural bony substance found in the cavity of the thorax <i>Rusty</i>	XXXIV 152	VII 505
THROAT. Some observations concerning the virtue of the jelly of the black currants, in curing inflammations in the throat <i>Baker</i>	XLI 655	VIII 838
— Some account of a sheep having a monstrous horn growing from his throat <i>Parsons</i>	XLIX 183	
— An account of the case of a man who died of the effects of the fire at Eddystone light-house by melted lead running down his throat <i>Spry</i>	— 477	
Another account - <i>Huxham</i>	— 483	
THUMB. An account of the case of the first joint of the thumb torn off, with the flexor tendon in its whole extent torn out - <i>Home</i>	L 617	
THUNDER. A relation of an accident by thunder and lightning at Oxford, May 10, 1666 <i>Watlis</i>	I 222	
— A relation of the sad effects of thunder and lightning in Hampshire, Jan. 24, 1665-6 <i>Neale</i>	— 247	II 172
— Odd effects of a dreadful thunder-clap at Stralsund, in Pomerania, June 1670 <i>Anon.</i>	V 2084	— —
— An odd effect of thunder and lightning upon wheat and rye in the granaries at Dantzick <i>Kirkby</i>	VIII 6092	— 174
— Letter containing particulars of a philosophical nature viz. a narrative of the strange effects of thunder upon a magnetic card <i>Anon.</i>	XI 647	— 180
— Observation concerning thunder and lightning being from the pyrites - <i>Lifter</i>	XIV 517	— 182
— A relation of the effect of a thunder clap on the compass of a ship on the coast of New-England, July 24, 1681 - <i>Odenburg</i>	— 520	
A letter concerning former relations <i>Sir R. S.</i>	— 521	

	Transl.	Abridg.
THUNDER. Some remarkable effects of a great storm of thunder and lightning at Portsmouth, Oct. 23, 1685 - <i>Anon.</i>	XV 1212	II 174
— The relation of a storm of thunder, lightning, and hail, at Oundle, in Northamptonshire <i>W. R.</i>	XVII 710	
— An account of the effects of a very extraordinary thunder near Aberdeen in Scotland <i>Garden</i>	XIX 311	715 —
— Letter concerning the generation of hail, of thunder, and lightning, and the effects thereof <i>Wallis</i>	— 653	— 183
— Some additions to his letter about thunder and lightning - <i>Wallis</i>	— 729	— —
— A true and exact relation of the dismal and surprising effects of a terrible and unusual clap of thunder and lightning that fell upon the Trumbull galley, Nov. 26, 1696 <i>Mauwridge</i>	— 782	— 176
— Letter concerning the effects of thunder and lightning at Everdon, in Northamptonshire, (wherein divers persons were killed) July 27, 1691 - <i>Wallis</i>	XX 5	— 177
— An account of a young man slain with thunder and lightning, Dec 22, 1698 <i>Thoresby</i>	XXI 51	— 179
— Of an accident by thunder and lightning, at Leeds, April 27, 1700 <i>Thoresby</i>	XXII 507	
— A relation of the strange effects of thunder and lightning which happened in the county of Down, in Ireland, Aug. 9, 1707 <i>Molyneux</i>	XXVI 36	IV 2 126
— Part of a letter giving an account of a storm of thunder and lightning that happened at Ipswich, July 16, 1708 - <i>Bridgman</i>	— 137	— - 128
The effects of the above storm at Colchester <i>Nelson</i>	— 140	
— Part of a letter concerning a storm of thunder, and lightning, and rain, at Leeds, in Yorkshire, August 5, 1701 - <i>Thoresby</i>	— 289	V 2 40
— A letter giving an account of a storm of thunder, and lightning, which happened near Leeds, in Yorkshire - <i>Thoresby</i>	XXVII 320	IV 2 131
— A relation of the effects of a storm of thunder and lightning at Sampford Courtney, in Devonshire, on Oct. 7, 1711 <i>Chamberlayne</i>	— 528	
— An account of what happened on thunder in Carmarthenshire, Dec 6, 1729 <i>Davies</i>	XXXVI 444	VI 2 74
— An extract of a letter concerning the crooked and angular darts of lightning in thunder storms - - <i>Logan</i>	XXXIX 240	VIII 507

	Transf.	Abridg.
THUNDER. An account of two oak trees struck by thunder - <i>Clark</i>	XLI 235	VIII 507
— A letter concerning the storm of thunder which happened June 12, 1748 - <i>Miles</i>	XLV 383	X 475
— Letter concerning the cause of thunder <i>Eeles</i>	XLVII 524	
— Letter concerning the electrical experiments made in England under thunder clouds <i>W. Watson</i>	— 567	
— An account of a storm of thunder and lightning near Ludgvan, in Cornwall, Dec. 20, 1752 <i>Borlase</i>	XLVIII 86	
— Electrical experiments, with an attempt to account for their several phenomena; together with some observations on thunder clouds <i>Canton</i>	— 350	
— An account of the death of Mr. George William Richman, occasioned by an electrical stroke collected from thunder, translated from the Dutch - <i>Anon.</i>	XLIX 61	
— An account of the effects of a storm of thunder and lightning in the parishes of Lone and Lanreath, in Cornwall, June 27, 1756 <i>Dyer</i>	L 104	
— Letter on the same subject <i>Miles</i>	— 107	
— An account of a storm of thunder and lightning at Norwich, July 13, 1758 <i>Cooper</i>	LI 38	
— An account of the effects of a storm of thunder and lightning at Rickmansworth, in Hertfordshire, July 16, 1759 <i>Whitfield</i>	— 282	
— Of two thunder storms in Cornwall, one broke over Ludgvan church, the other at Breag, Jan. 11, 1762 - <i>Borlase</i>	LII 507	
— Observations in electricity, and on a thunder storm - <i>Bergman</i>	LIII 97	
— Account of the effects of a storm of thunder and lightning on Pembroke college, Oxford, June 3, 1765 - <i>Griffith</i>	LV 273	
— An account of a remarkable thunder storm, Feb. 18, 1770, at St. Keverne, in Cornwall <i>Williams</i>	LXI 71	
— Extract of a letter concerning a thunder and lightning storm by which Mr. Heartly, of Harrowgate, was killed, Sept. 29, 1772 <i>Kirkshaw</i>	LXIII 177	
— Account of the effects of a thunder storm on the 15th of March, 1773, upon the house of Lord Tylney, at Naples <i>Sir William Hamilton</i>	— 324	
— See Lightning		

	Transf.	Abridg.
THYME. Dissertation on the camphire of Thyme <i>Neumann</i>	XXXVIII 202	IX 382
TIBER. See <i>Antiquities</i>		
TIBERIADES. Experiments by way of analysis upon the water of the dead sea, upon the Hot springs, near Tiberiades, and upon Hammon Pharoan water - <i>Perry</i>	XLII 48	VIII 643
TICUNAS. Experiments made on a great number of living animals with the poison of lamas and of ticunas - <i>Herissant</i>	XLVII 75	
— An account of the American poison ticunas - <i>Fontana</i>	LXX 163	
— Translation of Fontana's account of the Ame- rican poison, called ticunas (Appendix)	LXX ix	
TIDES. A relation of some extraordinary tides in the West Isles of Scotland - <i>Moray</i>	I 53	II 291
— An essay exhibiting the hypothesis about the flux and reflux of the sea <i>Wallis</i>	— 263	— 268
An appendix by way of answer to some ob- jections made to the precedent discourse <i>Wallis</i>	— 281	
— Some inquiries and directions concerning tides, proposed by Dr. Wallis, for the proving or disproving his lately published discourse con- cerning them - <i>Wallis</i>	— 297	— 365
Considerations and inquiries concerning tides, likewise for a further search into Dr. Wallis's newly published hypothesis <i>Moray</i>	— 298	— 260
— Patterns of the tables proposed to be made for observing of tides, promised in the next fore- going transactions - <i>Moray</i>	— 311	— 365
Other inquiries touching the sea <i>Boyle</i>	— 315	— 297
— An account of several engagements for observing of tides - <i>Oldenburg</i>	— 378	— 365
— An account of the course of tides at Bermudas <i>Norwood</i>	II 565	— 268
— An account of some observations made at and near Plymouth, 1697, by way of an answer to some of the queries concerning tides, in vol. I. 298, 311 - <i>Colepreffe</i>	III 632	— 264
— A letter concerning the variety of annual high tides, as to several places; with respect to his own hypothesis vol. I. p. 263 <i>Wallis</i>	— 652	— 278
The true time of the tides <i>Philips</i>	— 656	— 261
— A letter concerning the present declination of		

	Transf.	Abridg.
the magnetic needle and the tides <i>D. B.</i>	III 726	II 607
TIDES. Letter concerning the tides at the Bermudas <i>Staffora</i>	— 792	— 268
— Observations made in the Stony road, near Bristol in answer to some queries concerning the tides <i>Sbtumy</i>	— 813	— 265
— Animadversions upon Dr. Wallis's hypothesis about the flux and reflux of the sea <i>Childrey</i>	V 2061	— 279
Dr. Wallis's answer to the above <i>Wallis</i>	— 2068	— 283
— Letter concerning the flux of the Euripus <i>Babin</i>	VI 2153	— 289
— An account of the current of the tides about the Orcades <i>Ann.</i>	VIII 6139	— 290
— A correct tide table, shewing the exact times of high water at London Bridge, to every day in 1683 <i>Flamstead</i>	XIII 10	— 365
Account of the foregoing tables <i>Flamsteaa</i>	— 12	— 263
— A tide table of high water at London Bridge, in 1684, with directions for the use of it <i>Flamstead</i>	XIV 458	— 365
— Account of the tide on the coast of Guinea <i>Heathcott</i>	— 578	— 268
— An account of the course of the tides, at Tonqueen, with the theory of them at the bar of Tonqueen <i>Halley</i>	— 677	— 292
— Tide table of the times of high water at London Bridge, for 1685, with directions <i>Flamstead</i>	— 821	— 365
— Tide table of high water at London Bridge for 1686 <i>Flamstead</i>	XV 1226	—
— An account of the course of the tides at Dublin <i>Molyneux</i>	XVI 192	— 263
Remark <i>Oldenburg</i>	— 193	—
— Table of the high water on the coasts of France, upon the day of the new and full moon, taken from the French almanac, called <i>La connoissance des temps</i> , for 1687	— 220	— 267
— Table of high water at London Bridge, for 1687 <i>Flamstead</i>	— 232	—
— Table of high water at London Bridge, for 1688 <i>Flamstead</i>	— 428	—
— An extract of a letter giving an account of an experiment made in the Bay of Biscay, of sinking a bottle close corked under various depths of water, and of Lay Well, which ebbs and flows <i>Oliver</i>	XVII 908	— 305

	Transf.	Abridg.
Answer to several inquiries relating to Lay- We'll - - - - - Oliver	XVII 910	II 305
TIDES. The true theory of the tides extracted from Newton's philosophiæ naturalis principia ma- thematica - - - - - Halley	XIX 445	— 285
— An extraordinary high tide in the river Thames, Jones	XXXIV 68	VI 2 167
Observations upon the tides in the river Thames - - - - - Saumarez	— —	— —
— A tabular account of the tides in the river Thames, as observed in Lambeth Reach, with a new instrument called the marine surveyor, on the 9th and 18th of June, 1720	Anon. — 69, 71	
— A letter concerning the high tide on the river Thames, on Feb. 16, 1735-6 Jones	XXXIX 198	VIII 643
— The state of the tides in Orkney Mackenzie	XLVI 149	X 577
— Account of an extraordinary tide in the river of Forth - - - - - Wright	— 412	— 583
— Account of the irregularities of the tides at Chatham - - - - - Godden	XLIX 523	
Sheerness - - - - - Monary	— 525	
Woolwich - - - - - Taylor	— 526	
Deptford - - - - - Anon.	— 529	
— An account of the irregularities of the tides in the River Thames, on the 12th and 13th of February, 1756 - - - - - Dingley	— 530	
— Some account of the extraordinary agitation of the waters in Mountsbay, and other places, on the 31st of March 1761 - - - - - Borlase	LII 418	
— Observations on the tides in the Straits of Gib- raltar - - - - - More	— 447	
— An account of a remarkable agitation of the sea July 28, 1761, and of two thunder storms in Cornwall - - - - - Borlase	— 507	
— Observations on the tides in the island of St. Helena - - - - - Maskelyne	— 586	
— An account of a remarkable tide at Bristol, Feb. 11, 1764 - - - - - Tucker	LIV 83	
— An account of the flowing of the tides in the South Seas, as observed on board his Majesty's bark the Endeavour - - - - - Cook	LXII 357	
— Of the tides in the South Seas Cook	LXVI 447	
— An account of the tides in the Adriatic Teald.	LXVII 144	

	Transf.	Abridg.
TIDES. An account of the tides in the Adriatic	LXVII 144	
	<i>Strange</i>	
TIMBER. Instances shewing the correspondence of the pith and timber, with the seed of the plant; as also of the bark, or sap in the bark, with the pulp of the fruit, or some encompassing coat or cod containing the seed	IV 919	II 710
— A discourse concerning the most seasonable time of felling of timber; written by the advice of S. Pepys	XVII 455	I 589
— Letter concerning the difference of timber growing in different countries, and felled at different seasons of the year	XVIII 224	— 592
TIME. Letter concerning a movement that measures time after a particular manner, with an account of the reasons of the said motion	XIV 647	— 468
— A letter wherein he asserts his right to the curious and useful invention of making clocks to keep time with the sun's apparent motion	XXX 1080	IV 394
— Some remarks upon the equation of time, and the manner of computing it	LIV 336	
— Short and easy methods for finding the quantity of time contained in any given number of mean lunations, and the number of new lunations in any given quantity of time	LV 61	
— A determination of the exact moments of time when the planet Venus was at external and internal contact with the sun's limb in the transits, of June 6, 1761, and June 3, 1769	LX 65	
— A new method of finding time by equal altitudes	LXVI 92	
TIN. An account of some mineral observations touching the mines of Cornwall and Devon; wherein is described the art of training a load, the art and manner of digging the ore, and the way of dressing and blowing tin	VI 2096	II 365
— A relation of the tin-mines, and working of tin in the county of Cornwall	XII 949	— 572
— The method of making tin plates, extracted from the memoirs of the Academy of Sciences for 1725	XXXV 630	VI 2 240
— Account of native tin found in Cornwall	LVI 35	

	Transf.	Abridg.
TIN. A letter containing a supplement to the account of the discovery of native tin		
— Letters giving an account of a specimen of native tin found in Cornwall <i>Mendes da Costa</i>	LVI 305	
TIN-FOIL. Actual fire and detonation, produced by the contact of tin-foil, with the salt composed of copper and the nitrous acid <i>Higgins</i>	LIX 47	
TINCTURE. An account of an extraordinary tincture given to a stone — <i>Reifel</i>	LXIII 137	
— Several experiments about giving variety of tincture to water, &c. — <i>Southwell</i>	XVI 22	I 604
TITHIMALUS HYBERNICUS. Letter concerning the effects of mackenboy or tithimalus hibernicus <i>Albe</i>	XX 87	III 656
TOBACCO. Manner of planting and ordering tobacco in Virginia — <i>Glover</i>	— 293	II 644
— Observations on the planting and culture of tobacco in Zeylan — <i>Strachan</i>	XI 623	III 566
— A letter concerning tobacco ashes <i>Leeuwenhoek</i>	XXIII 1164	IV 2 312
TOES. An account of one who had hairy excrescencies, or extraordinary large nails, on his fingers and toes — <i>Locke</i>	XXIV 1740	V 2 267
TOKAY. An account of the tokay, and other wines in Hungary — <i>Douglass</i>	XIX 694	III 13
TOMINEIUS. The description of the American tomineius, or humming bird <i>Grew</i>	LXIII 292	
TONES. An explanation of the modes or tones in the antient Grecian music — <i>Styies</i>	XVII 760	II 854
TONGUE. Some discoveries concerning the tongue <i>Malpighi</i>	LI 695	
— An account of a stone cut out from under the tongue of a man — <i>Lifter</i>	II 491	III 58
— Letter concerning worms found under the tongue, and other parts of the body <i>Dent</i>	VII 4062	— 155
— Letter concerning the same operation <i>Lewis</i>	XVIII 219	— 137
— An account of the tongue of a <i>passinaca marina</i> , frequent in the seas about Jamaica, and lately dug up in Maryland and England <i>Sloane</i>	— 222	— —
— An account of a stone bred at the root of the tongue, and causing a quinsy <i>Honavert</i>	XIX 694	
— A letter concerning the whiteness on the tongue in fevers — <i>Leeuwenhoek</i>	XX 440	— 156
— Microscopical observations upon the tongue <i>Leeuwenhoek</i>	XXV 2456	V 2 267
	XXVI 111	— —

	Transf.	Abridg.
TONGUE. A letter containing observations upon the white matter on the tongue of feverish persons <i>Leeuwenhoek</i>	XXVI 210	V 2 267
— A description of that curious natural machine, the wood peckers tongue - <i>Waller</i>	XXIX 509	V 55
— A physiological account of the case of Margaret Cutting, who speaks distinctly, though she has lost the apex and body of her tongue <i>Parsons</i>	XLIV 621	XI 956
— The case of Henry Axford, who recovered the use of his tongue, after having been four years dumb, by means of a frightful dream <i>Squire</i>	XLV 148	— 958
— An account of a very learned divine who was born with two tongues - <i>Mortimer</i>	— 232	— 959
TOP. An account of an horizontal top invented by Mr. Serfon - <i>Short</i>	XLVII 352	
TORPEDO. Of the electric property of the torpedo <i>Walsh</i>	LXIII 461	
— Anatomical observations on the torpedo <i>Hunter</i>	— 481	
— Of torpedos found on the coast of England <i>Walsh</i>	LXIV 464	
— Extract of a letter containing some experiments on the torpedo, made at Leghorn, Jan. 1, 1773 - <i>Ingenhouse</i>	LXV 1	
— An account of some attempts to imitate the effects of the torpedo by electricity <i>Cavendish</i>	LXVI 196	
TORQUES. A letter concerning a golden torques found in England - <i>Moslym</i>	XLII 416	IX 24
TORRICELLIAN EXPERIMENT. An attempt to render the cause of that odd phenomenon of the quicksilver remaining suspended far above the usual height, in the torricellian experiment <i>Hugen</i>	VII 5027	II 23
— — See <i>Barometer</i>		
TORTOISES. Anatomical observations about the structure of the lungs of frogs, tortoises, &c. and perfecter animals - <i>Malpighi</i>	VI 2149	— 653
— Observations on the weight of a land tortoise, when he went into the ground in autumn, and when he came out in spring, for several years <i>Ent</i>	XVII 533	— 825
— An anatomical description of the heart of land tortoises from America - <i>Buffon</i>	XXVII 170	V 74
— An account of two new tortoises <i>Pennant</i>	LXI 266	

TOUCH.

	Transf.	Abridg.
TOUCH. Observations on the effects of touch and friction - - - <i>Oldenburg</i>	I 206	III 10
TOURMALIN. Experiments on tourmalin <i>Wilson</i>	LI 308	
— On the electrical nature of the tourmalin <i>Bergman</i>	LVI 236	
TOWER. Vide <i>Antiquities</i>		
TOWN. Letter concerning the vestigia of a Roman town near Leeds, in Yorkshire <i>Thoresby</i>	XXIII 1285	V 2 37
— Observations on the expectations of lives, the increase of mankind, the influence of great towns on population, and particularly the state of London with respect to healthfulness and number of inhabitants - <i>Price</i>	LIX 89	
TOXICODENDRON. Two letters concerning the toxicodendron (a native tree of Carolina) <i>Abbé Mazeas & Miller</i>	XLIX 157	
— A letter attempting to ascertain the tree that yields the common varnish used in China and Japan; to promote its propagation in our American colonies, and to set right some mistakes of botanists - - <i>Ellis</i>	XLIX 866	
— Remarks on Mr. John Ellis's letter on the toxicodendron - - <i>Miller</i>	L 430	
Answer to the remarks - - <i>Ellis</i>	— 441	
TRADE WINDS. Concerning the cause of the general trade winds - - <i>Hadley</i>	XXXIX 58	VIII 500
See <i>Tropic</i>		
TRADESCANT. Some account of the remains of John Tradescant's garden at Lambeth <i>William Watson</i>	XLVI 160	X 740
— A letter upon the early cultivation of botany in England; and some particulars about John Tradescant, a great promoter of that science as well as natural history, in the last century, and gardener to King Charles I. <i>Ducarel</i>	LXIII 79	
TRANSFUSION OF BLOOD. See <i>Blood</i>		
TRANSITS. Some more accurate observations about Jupiter's transits near fixed stars; useful for determining the inclination of that planet to the ecliptic - - <i>Flamsteed</i>	VIII 6033	I 381
— Dissertation on the next transit of Venus under the sun - - <i>Boscovich</i>	LI 865	
— See <i>Sun, Moon, Venus</i>		
TRANSPLANTING. Some communications on the season for transplanting vegetables <i>Reed</i>	VI 2128	II 655
— Some considerations on the best season for transplanting - <i>Beal</i>	— 2144	— —

	Transf.	Abridg.
TRANSYLVANIA. Inquiries to be made in Hungary and Transylvania - <i>Royal Society</i>	II 467	III 631
— Directions and inquiries with their answers concerning the mines, minerals, baths, &c. of <i>Oldenburg and Brown</i>	V 1189	II 523
TRAVELS. Observations in travels from Venice through Istria, Dalmatia, Greece, and the Archipelago, to Smyrna - <i>Vernon</i>	XI 573	
— A letter containing an account of his journey from Cairo, in Egypt, to the Written Mountains, in the Desert of Sinai - <i>Montagu</i>	LVI 40	
— An account of three journeys from the Cape Town, into the southern parts of Africa; undertaken for the discovery of new plants, towards the improvement of the Royal Botanical Gardens at Kew - <i>Mason</i>	LXVI 268	
TREES. Experiments concerning the motion of the sap in trees - <i>Willoughby and Ray</i>	IV 963	— 682
— Observations, directions, and inquiries concerning the motion of sap in trees, in pursuance of what was begun therein about the latter end of 1668, and the next spring <i>Tonge & Willoughby</i>	V 1165	— 683
— Experiments concerning the bleeding of <i>Lifter</i>	— 2069	
— How to multiply crab-stools, and propagate trees by layers - <i>Tonge</i>	— 2074	— 752
— Some communications concerning the descent of sap, and the season of transplanting <i>Reed</i>	VI 2128	— 655
— Some considerations of what choice of apples for the delicacy of the liquors in peculiar seasons; and for easy and speedy propagation: pears for some lands proper; their choice for manifold uses; especially for pleasant, or for lasting liquor: and how to be planted and ordered to the best advantage <i>Bral</i>	— 2144	— —
— A way of making all sorts of plants, trees, fruits, and legums, grow to an extraordinary bigness - <i>Anon.</i>	X 356	— 749
— On the texture of trees, with notes thereon <i>Leeuwenhoek</i>	XI 653	— 873
— A discourse concerning the effects of the great frost on trees and other plants in 1683, drawn from the answers to some queries sent into divers countries by R. Plott, and from several observations made at Oxford by J. Bobart <i>Anon.</i>	XIV 66	— 155 — 751
— Curious observations and experiments on the growth of trees - <i>Brotherton</i>	XVI 507	— 707

	Transl.	Abridg.
TREES. An extract of a letter on the bark of trees <i>Leeuwenhoek</i>	XVII 838	III 685
— A description of the pimienta, or Jamaica pepper tree - <i>Sloane</i>	XVII 462	II 663
— Relation of subterraneous Youle, in Yorkshire <i>Richardson</i>	XIX 726	— 842
— Letter concerning trees found under ground in Hatfield Chace - <i>De la Pryme</i>	XXII 980	IV 2 212
— Letter concerning subterraneous trees, &c. <i>De la Pryme</i>	XXIII 1073	— - 218
— An account of the poison wood tree in New England - <i>Dudley</i>	XXXI 145	VI 2 307
— Account of letters found in the middle of a beach-tree - <i>Shepard</i>	— 147	— 2 308
— An account of two oak trees struck by thunder - <i>Klein</i>	XLI 231	VIII 845
— The effects which the farina of the blossoms of different sorts of apple trees had on the fruit of a neighbouring tree - <i>Clark</i>	— 235	— 847
— An account of the Bishop of London's garden at Fulham, with a catalogue of the exotic trees remaining in it, June 25, 1751 <i>Cook</i>	XLIII 525	X 751
— An account of some trees discovered under ground at Mount's Bay in Cornwall <i>W. Watson</i>	XLVII 241	
— Observations on the growth of trees <i>Borlase</i>	L 51	
— A letter on the trees which are supposed to be indigenous in Great Britain <i>Marsham</i>	LI 7	
— On the usefulness of washing and rubbing the stems of trees, to promote their annual increase <i>Barrington</i>	LIX 23	
— Description and use of the cabbage-bark tree of Jamaica - <i>Marsham</i>	LXVII 12	
— See <i>Black-Poplar, Sycamore, Walnut, &c. in their Places</i> <i>Wright</i>	— 507	
— See <i>Sap, Vegetation</i>		
TREVES. Remarks on the stones in the county of Nassau, and the territories of Treves and Colen resembling those of the Giants Causeway in Ire- land - <i>Tremblay</i>	XLIX 581	
TRIANGLES. Of triangles described in circles and about them - <i>Stedman</i>	LXV 296	
TRIGONOMETRY. Spherical trigonometry reduced to plane - <i>Blake</i>	XLVII 441	
— Abridged - <i>Murdoch</i>	L 538	
— Calculations in spherical trigonometry abridged <i>Lyon</i>	LXV 470	

	Transf.	Abridg.
TRIPOLI. An account of some observations relating to the production of the terra tripolitana or tripoli - <i>Hubner</i>	LI 186	
Remarks on Mr. Hubner's paper on tripoli <i>La Costa</i>	— 192	
TRIPOS. Some account of a curious tripes and inscription found near Turin, serving to discover the true situation of the ancient city Industria <i>Baker</i>	XLIII 540	XI 1240
TRITURE. Observations on these three chymical operations, digestion, fermentation, and titure or grinding, (hitherto, in the author's opinion, not sufficiently regarded) by which many things of admirable use may be performed <i>Langelot</i>	VII 5052	III 315
TROCART. A new trocart for the puncture in the hydrocephalus, and for other evacuations which are necessary to be made at different times <i>Le Cat</i>	XLVII 267	
TROPICK. The breath of the sea plants probably the material cause of the trade or tropick winds <i>Lifter</i>	XIV 489	II 129
— An historical account of the trade winds, and monsoons, observable in the seas, between and near the tropicks, with an attempt to assign the physical cause of the said winds <i>Halley</i>	XVI 153	— 153
TROUT. Of the gillaroo trout - <i>Barrington</i>	LXIV 116	
Account of the stomach of the gillaroo trout <i>Henry Watson</i>	— 121	
— Observations on the gillaroo trout, commonly called in Ireland the gizzard trout <i>John Hunter</i>	— 310	
TROY. Short and easy methods for finding the number of Troy pounds contained in any given number of averdupoise pounds, and vice versa <i>Ferguson</i>	LV 61	
TRUFFLES. An account of the tubera terra, or truffles, found at Rushton in Northamptonshire; with some remarks thereon <i>Robinson</i>	XVII 824	— 624
TRUMPET. An account of the speaking trumpet as it hath been contrived and published by Sir S. Moreland, together with its uses both by sea and land - <i>Moreland</i>	VI 3056	
— Letter of his improvement of Sir S. Moreland's speaking trumpet, &c. - <i>Conyers</i>	XII 1027	I 505
— A discourse concerning the musical notes of the trumpet,		

	Transf.	Abridg.
trumpet, and trumpet-marine, and of the defects of the same - - <i>Roberts</i>	XVII 559	I 607
TUBA EUSTACHIANA. A method proposed to restore the hearing when injured from an obstruction of the tuba eustachiana <i>Watson</i>	XLIV 213	
TUBES. An experiment, shewing that the seemingly spontaneous ascension of water in small tubes open at both ends, is the same in vacuo as in the open air - - <i>Haukebee</i>	XXV 2223	IV 2 181
— An account of some experiments, with an enquiry into the cause of the ascent and suspension of water in capillary tubes <i>Jurin</i>	XXX 739	IV 423
— An account of some new experiments relating to the action of glass-tubes upon water and quicksilver - - <i>Jurin</i>	— 1083	— 428
— Two letters concerning the rotatory motion of glass tubes about their axes, when placed in a certain manner before the fire - <i>Wheler</i>	XLIII 341	X 551
— An account of experiments relating to odours passing through electrified globes and tubes <i>Winkler</i>	XLVII 231	
An account of the result of some experiments made here with globes and tubes, transmitted by Mr. Winkler to verify the facts above mentioned - - <i>W. Watson</i>	— 236	
TULIPS. Microscopical observations on tulips, &c. <i>Leeuwenhoek</i>	XVII 949	III 685
— A letter giving an account of tulips, and other such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground <i>Trieuwald</i>	XXXVII 79	VI 2 255
An account of the same experiment tried the next year by - <i>Miller</i>	— 81	— 355
TULL. Account of Mr. Tull's method of castrating fish - - <i>Watson</i>	XLVIII 870	
TUMOUR. The history of a tumour in the lower part of the belly - <i>Giles</i>	XX 420	
— An account of a very large tumour in the fore part of the neck - <i>Douglas</i>	XXV 2214	V 213
— An observation of a tumour on the neck full of hydatides, cured by - <i>Hewenden</i>	— 2344	— 216
— An account of an extraordinary tumour or wen lately cut off the cheek of a person in Scotland <i>Bower</i>	XXX 713	— 217
— An account of a præter-natural tumour on the		

	Transf.	Abridg.
loins of an infant, attended with a cloven spine <i>Rutty</i>	XXXI 98	VII 676
— An extraordinary case in surgery of a tumour <i>Atkinson</i>	XXXIII 340	— 666
— Extract of two uncommon cases of tumours in the abdomen, from a Latin tract published at Strasburg, anno 1728, entitled Boecleri, &c. ad exteros medicos epistola — <i>Rutty</i>	XXXV 562	— 522
— Two extraordinary cases, one of a large stone in the urethra, occasioned by a venereal infection, the other of a child born with a remarkable tumour on the loins — <i>Huxham</i>	XXXVI 257	— 536 — 560
— An account of a large glandular tumour in the pelvis; and of the pernicious effects of crude mercury given inwardly to the patient <i>Cantwell</i>	XL 139	IX 184
— An account of an extraordinary tumour in the knee of a person whose leg was taken off <i>Pierce</i>	XLI 56	— 271
— The case of Grace Lowdell, aged about 60 years, who had an extraordinary tumour on her thigh — <i>Chandler</i>	— 365	— 236
— An account of tumours which rendered the bones soft — <i>Pott</i>	— 616	— 247
— A letter concerning a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it <i>Huxham</i>	XLV 325	XI 1020
— A letter containing the description of a new invented instrument for the extirpation of tumours out of the reach of the surgeon's fingers <i>Le Cat</i>	XLVI 72	— 1084
— The case of an extraordinary tumour growing on the inside of the bladder successfully extirpated — <i>Warner</i>	— 414	— 1006
— An account of some extraordinary tumours upon the head of a labouring man — <i>Parsons</i>	L 350	
— Case of a young lady who drank sea water for an inflammation and tumour in the upper lip <i>Lavington</i>	LV 6	
— Account of an extraordinary scatomatous tumour, in the abdomen of a woman <i>Hanly</i>	LXI 131	
TUMULI. Extract of a letter concerning some tumuli at Danes Graves, near Kilham, Yorkshire <i>Knowlton</i>	XLIV 101	
TUNQUINESE MEDICINE. The effects of the tunquinese medicine — <i>Reid</i>	XLIII 212	— 1044

	Transf.	Abridg.
TUNIS. A letter containing a geographical description and map of the kingdom of Tunis, with a postscript relating to the cure of intermittent fevers in those parts - <i>Shaw</i>	XXXVI 177	VI 423
TURKEYS. An account of two young turkeys joined together by their breasts - <i>Floyer</i>	XXI 434	II 898
— An account of a bird, supposed to have been bred between a turkey and a pheasant <i>Edwards</i>	LI 833	
TURKEY. Inquiries for Turkey - <i>Mr. H.</i>	I 360	III 631
— Some communications out of Turkey <i>Anon.</i>	VIII 6017	— 605
TURNIPS. An abstract of a letter concerning the making of turnip bread, in Essex <i>Dale</i>	XVII 971	II 667
— Some instances of the very great and speedy vegetation of turnips - <i>Desaguliers</i>	XXX 974	IV 2 311
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c. also to sweeten stinking water - <i>Hales</i>	XLIX 339	
TURNING. The principal properties of the engine for turning ovals in wood or metal, and of the instrument for drawing ovals upon paper demonstrated - <i>Ludlam</i>	LXX 378	
TURN-LATHE. Letters about the method of polishing telescope glasses by a turn-lathe, and also of the making of an extraordinary burning-glass at Milan - <i>Anon.</i>	III 795	I 194
TURPENTINE. The way of making pitch, tar, rosin, and turpentine near Marseilles <i>Bent</i>	XX 291	
TURQUOISE. Some remarks on the precious stone called the turquoise - <i>Mortimer</i>	XLIV 429	X 633
TYCHO BRAHE. Letter concerning the remains of the observatory of the famous Tycho Brahe <i>Gourdon</i>	XXII 691	I 216
TYROL. Remarkable observations in a journey over the Tyrol Alps, with a catalogue of the plants observed - <i>Ehrhart</i>	XLI 547	IX 462 VIII 768
TYRONE. Vide <i>Antiquities</i>		

U.

	Trans.	Abridg.
ULCER. An account of an ulcer in the right groin emitting the fœces of the intestines <i>Earnshaw</i>	XV 1204	III 119
— An account of a fœtus voided by the ulcered navel of a negro, at Nevis - <i>Brodie</i>	XIX 580	— 219
— An account of the dissection of a person who died of an ulcer in the right kidney <i>Douglas</i>	XXVII 32	V 257
— Concerning the bones of a fœtus being discharged through an ulcer near the navel <i>Drake</i>	XLV 121	XI 1019
UNICORN FISH. An account of a narhual or unicorn fish, lately taken in the river Olt, in the Dutchy of Bremen, 1736 - <i>Steigertabl</i>	— 147	— 71
A description of the same fish - <i>Hampe</i>	— 149	— 72
URCHIN. An observation upon the motion of the hearts of two urchins, after their being cut out <i>Templer</i>	VIII 6016	III 69
URETERS. An anatomical observation of four ureters in an infant - <i>Tyson</i>	XII 1039	— 146
— An account of two large stones, which, for twenty years past, lodged in the meatus urinarius, and were thence cut out - <i>Bernard</i>	XIX 250	— 153
— Two cases of infects voided by the urinary passage - <i>Turner</i>	XXXIII 410	VII 539
— A letter concerning the foramen ovale being found open in the hearts of adults, and of the figure of the canal of the urethra <i>Le Cat</i>	XLI 681	IX 134 — 180
— Case of Hannah Hitchcock, one of whose ureters was grown up - <i>Huxham</i>	XLIII 207	XI 1007
— An account of several cases of hernias, and disorders of the urethra - <i>Le Cat</i>	XLVII 324	
— A description of the lymphatics of the urethra and neck of the bladder - <i>H. Watson</i>	LIX 392	

	Transf.	Abridg.
URINE. Account of a bullet voided by urine		
— Two experiments made for finding another passage of the - - - <i>Fairfax</i>	III 803	III 160
— Relation of a worm voided by urine <i>Hauton</i>	V 2049	— 147
— The cure of a total suppression of urine, not caused by the stone, by the use of acids <i>Ent</i>	XII 1009	— 135
— Part of a letter giving an account of several magnetical experiments, and of one who pretended to cure or cause diseases at a distance, by applying a sympathetic powder to the urine <i>Baynard</i>	XIX 19	— 148
— A relation of a person who voided many hydattides in her urine <i>Leeuwenhoek</i>	— 512	— 685
— Letter concerning a bunch of hair voided by urine - - - <i>Davies</i>	XXII 897	V 2 283
— Observations upon the hair <i>Yonge</i>	XXVI 414	V 284
— Account of several solid bodies voided by urine <i>Leeuwenhoek</i>	— 416	— —
— A remarkable conformation of the urinary parts <i>Yonge</i>	— 420	— 286
— A case of an extraordinary cause of a suppression of urine in a woman - - - <i>Bugden</i>	XXXVI 138	VII 540
— Case of a gentlewoman who voided with her urine hairy crustaceous substances, with Sir H. Sloane's answer, containing several observations of extraordinary substances voided by the urinary passages - - - <i>Amyand</i>	XXXVII 238	— 540
— Case of hair voided by urine <i>Powell</i>	XLI 699	IX 180
— A case of a very long suppression of urine <i>Knight</i>	— 705	— 182
— An account of a hernia of the urinary bladder including a stone - - - <i>Dawson</i>	LI 215	— 183
— An account of a suppression of urine cured by a puncture made in the bladder through the anus <i>Tott</i>	LIV 61	
<i>Robert Hamilton</i>	LXVI 578	
URNS. An extract of a letter giving an account of a large number of urns dug up at North Elmham in Norfolk - - - <i>New</i>	XXVIII 257	V 2 97
URTICA MARINA. An account of the urtica marina <i>Gaertner</i>	LII 75	
USNEA. An historical memoir concerning a genus of plants called lichen by Micheli, Haller, and Linnæus and comprehended by Dillenius under the terms usnea, coralloides, and lichnoides ;		

	Transf.	Abridg.
tending principally to illustrate their several uses - - - <i>W. Watson</i>	L 652	
UTERUS. An account of the dissection of a bitch, whose cornua uteri being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - - -	XIII 183	II 904
— Account of a foetus lying without the uterus in the belly - - - <i>Savard</i>	XIX 314	III 214
— An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera <i>Douglas</i>	XXV 2317	V 294
— An account of balls of hair taken from the ute- rus and ovaria of several women <i>Tonge</i>	— 2387	
— An account of several extra-uterine foetus <i>Tonge</i>	XXVI 424	— 306
	— 432	— 199
— Letter concerning the bones of a dead foetus taken out of the uterus of a cow <i>Sherman</i>	— 450	— 54
— Account of an extra-uterine foetus taken out of a woman, after death, that had continued five years and a half in the body <i>Houston</i>	XXXII 387	VII 555
— An account of an extra-uterine conception <i>Myddleton</i>	XLIII 336	XI 1010
— A letter concerning a schirrous tumour of the uterus - - - <i>Templeman</i>	XLIV 285	— 102
— Some account of the foetus in utero being dif- ferently affected by the small-pox <i>W. Watson</i>	XLVI 235	— 1042
— Description of a double uterus and vagina <i>Purcell</i>	LXIV 474	
UVEA. Extract of a letter containing the particulars of the cure of a wound in the cornea, and of a laceration of the uvea, in the eye of a wo- man - - - <i>Aery</i>	XLV 411	— 954

V.

VACUUM. Of the long continuance of a leach alive in the vacuum made in the pneumatic engine -

	Transf.	Abridg.
<i>Boyle</i> V 2049		III 147
— Experiments about the motion of pendulums in a vacuum - <i>Derham</i> XXIV 1785		IV 2 168
— An account of an experiment to try the quality of air produced from gunpowder, fired in vacuo Boyliano - <i>Hauksbee</i> — 1806		— - 172
— Experiments on the production and propagation of the light from the phosphorus in vacuo <i>Hauksbee</i> — 1865		— - 181
— Experiments on the refilition of bodies in common air, in vacuo, and in air condensed <i>Hauksbee</i> — 1946		— - —
— Several experiments on the attrition of bodies in vacuo - <i>Hauksbee</i> — 2165		— - 180
— An experiment shewing that the seemingly spontaneous ascension of water in small tubes open at both ends is the same in vacuo as in the open air - <i>Hauksbee</i> XXV 2223		— - 181
— An account of an experiment shewing that actual sound is not to be transmitted through a vacuum - <i>Hauksbee</i> XXVI 367		
— An account of an experiment touching the propagation of sound passing from the sonorous body into the common air in one direction only <i>Hauksbee</i> — 369		
— An account of an experiment touching propagation of sound through water <i>Hauksbee</i> — 371		
— An account of an experiment, shewing that an object may become visible through such an opaque body as pitch in the dark, while it is under the circumstances of attrition and a vacuum - <i>Hauksbee</i> — 391		— - 182
— An account of an experiment to prove an interspersed vacuum; or to show that all places are not equally full - <i>Desaguliers</i> XXX 717		— - 173
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and, therefore that there is an interspersed vacuum <i>Desaguliers</i> XXXI 81		VI 2 157

	Transl.	Abridg.
VACUUM. Experiments and observations of the freezing of water in vacuo - <i>Fahrenheit</i>	XXXIII 78	V 2 51
— An account of the phenomena of electricity in vacuo - <i>W. Watson</i>	XLVII 362	
VACINA. An observation of hydatides voided per vaginam - <i>Watson</i>	XLI 711	IX 188
— Description of a double uterus, and vagina <i>Purcell</i>	LXIV 474	
VALUE. Rules for correcting the usual methods of computing amounts and present values, by compound as well as simple interest; and of stating interest accounts - <i>Watkins</i>	XXIX 111	V 2 243
VAPOUR. An estimate of the quantity of vapour raised out of the sea by the warmth of the sun; derived from an experiment shewn before the Royal Society - <i>Halley</i>	XVI 366	II 108
— An account of the circulation of the watry vapours of the sea, and the cause of springs <i>Halley</i>	XVII 468	— 126
— An account of the evaporation of water, as it was experimented in Gresham College, in 1693, with some observations thereon <i>Halley</i>	XVIII 183	— 120
— An attempt to solve the phenomenon of the rise of vapours, formation of clouds, and descent of rain - <i>Desaguliers</i>	XXXVI 6	VI 2 61
— An experiment to shew that some damps in mines may be occasioned only by the burning of candles, under ground, without the addition of any noxious vapour, even when the bottom of the pit has a communication with the outward air, unless the outward air be forcibly driven in at the said communication or pipe <i>Desaguliers</i>	XXXIX 281	
— Some conjectures concerning the rise of vapours <i>Desaguliers</i>	XLII 140	VII 437
— Letters concerning the cause of the ascent of vapour and exhalation, and those of winds; and of the general phenomena of the weather and barometer - <i>Eeles</i>	XLIX 124	
Remarks on the opinion of Henry Eeles concerning the ascent of vapours <i>Darwin</i>	L 240	
— An account of some new experiments in electricity containing an enquiry whether vapour be a conductor of electricity, &c. <i>Henley</i>	LXIV 389	
VARNISH. The way of making several China varnishes, sent from the Jesuits in China to the great Duke of Tuscany - <i>Sherara</i>	XXII 525	I 602
— An account of the strange effects of the Indian varnish - <i>Del Papa</i>	— 947	V 417
		VARNISH.

	Transf.	Abridg.
VARNISH. Two letters on the texicodendron. <i>Abbé Mazeas and Miller</i>	XLIX 157	
— A letter attempting to ascertain the tree that yields the common varnish used in China and Japan; to promote its propagation in our American colonies; and to set right some mistakes botanists appear to have entertained concerning it <i>Ellis</i>	— 866	
Remarks on Mr. J. Ellis's Letter on the texicodendron <i>Miller</i>	L 430	
Answer to the Remarks <i>Ellis</i>	— 441	
VAULTS. Hints of the use to be made of vaults, &c. <i>Beale</i>	IV 1035	
VEGETABLES. Observations concerning cochineels, accompanied with some suggestions for finding out and preparing such like substances out of other vegetables <i>Anon.</i>	III 796	I 212 II 655 — 687 — 690 — 775 — 653 — 655 — 690
— Some communications on the season for transplanting vegetables <i>Reed</i>	VI 2128	— 775 — 653 — 655 — 690
— Some considerations on the best season for transplantation <i>Beal</i>	— 2144	— 768
— A considerable account touching vegetable excrescencies <i>Lifter</i>	— 2254	— 770 — 771
Another letter enlarging his communications on vegetable excrescencies <i>Lifter</i>	— 2284	
Some additions <i>Lifter</i>	— 3002	
— Observations on the anatomy of the trunks of vegetables, &c. <i>Anon.</i>	X 533	
— An account of the nature and differences of the juices, more particularly of our English vegetable <i>Lifter</i>	XIX 365	— 696
— Observations on the roots of vegetables <i>Leewwenhoek</i>	— 790	III 685
— Some observations concerning some wonderful contrivances of nature in a family of plants in Jamaica, to perfect the individuum, and propagate the species, with several instances analogous to them in European vegetables <i>Scane</i>	XXI 113	II 669
— The anatomical preparation of vegetables <i>Schae</i>	XXXVI 44	IV 2 338
— Part of a letter concerning the electricity of vegetables <i>Browning</i>	XLIV 373	X 342
— Account of vegetable balls which grow in a lake near the Humber in Yorkshire <i>Dixon</i>	XLVII 498	
With remarks <i>W. Watson</i>		

	Transf.	Abridg.
VEGETABLES. A letter on the sexes of plants and impregnation of vegetables <i>Stylos</i>	LV 258	
— On the nature of gorgonia, that it is a real marine animal, and not of a mixed nature between animal and vegetable <i>Ellis</i>	LXI 1	
— Experiments on animals and vegetables, with respect to the power of producing heat <i>John Hunter</i>	LXV 446	
— Of the heat of animals and vegetables <i>John Hunter</i>	LXVIII 7	
VEGETABLES. (Chymical preparations from) A way of extracting a volatil salt and spirit out of vegetables; intimated in vol. viii. p. 7002 <i>Coxe</i>	IX 4	III 326
— A continuation of a discourse begun in vol. IX. p. 4, touching the identity of all volatil salts and vinous spirits, together with two surprising experiments concerning vegetable salts perfectly resembling the shape of the plants whence they had been obtained <i>Coxe</i>	— 169	— 333
VEGETABLE LAMB. An account of the Scythian vegetable lamb, called borametx <i>Breynius</i>	XXXIII 353	VI 2 317
VEGETATION. Queries concerning vegetation, especially the motion of the juices of vegetables <i>Anon.</i>	III 797	II 752
— Some communications relating to the queries about vegetation <i>Beal</i>	— 853	— 676
A continuation of the answers <i>Tonge</i>	— 877	— 677
Additional answers to queries <i>Tonge</i>	— 880	— 676
Promiscuous additions to what was formerly published in N ^o 43 and 44 <i>Tonge</i>	IV 913	— 678
Instances shewing the correspondence of the pith and timber, with the seed of the plant; as also of the bark or sap in the bark with the pulp of the fruit of some encompassing coat or cod, containing the seed <i>Beale</i>	— 919	— 710
— Experiments concerning the motion of the sap in trees <i>Willoughby and Wray</i>	— 963	— 682
— Hints tending to encrease the fertility of any kind of land, &c. <i>Beal</i>	— 1135	— 728
— Extract of divers letters, touching some enquiries and experiments; touching the motion of sap in trees, and relating to the question of the circulation of the same <i>Lifter</i>	VI 2119	— 686
A letter relating to some particulars in Mr. Lifter's communications <i>Willoughby</i>	— 2125	— 685
Extract of a letter both in relation to the sur-		

	Transf.	Abridg.
ther discovery of the motion of juices in vegetables, and removing the difference noted in Mr. Wiloughby's letter <i>Anon.</i>	VI 2126	II 688
VEGETATION. Some communications on the descent of sap - - - <i>Reed</i>	— 2128	
Some considerations on Mr. Reed's letter shewing in what sense the sap may be said to descend, and to circulate the plants; and the graft to communicate with the stock <i>Beal</i>	— 2144	II 653 — 690
— Some thoughts and experiments concerning vegetation - - - <i>Woodward</i>	XXI 193	— 713
— Some observations concerning vegetation <i>De la Pryme</i>	XXIII 1214	IV 2 310
— Observations and experiments relating to the motion of sap in vegetables <i>Bradley</i>	XXIX 486	V 267
— Some microscopical observations, and curious remarks on the vegetation, and exceeding quick propagation of moldiness, on the substance of a melon - <i>Bradley</i>	— 490	IV 2 308
— Some instances of the very great and speedy vegetation of turnips - <i>Desaguliers</i>	XXX 974	— 311
— Observations on some plants in New England, with remarkable instances of the nature and power of vegetation - <i>Dudley</i>	XXXIII 194	VI 2 342
— Letter concerning the vegetation of melon seed 33 years old - - - <i>Gale</i>	XI.III 265	X 761
— New observations upon vegetation <i>Mustel</i>	LXIII 126	
VEINS. Anatomical observations of milk found in the veins instead of blood <i>Boyle</i>	I 100	III 239
A farther account of observations about white blood - - - <i>Lower</i>	— 117	—
— A new discovery of the communications of the ductus thoracicus, with the emulgent vein <i>Pecquet</i>	II 461	— 258
— Some experiments of injecting liquors into the veins of animals - - <i>Fracassare</i>	— 490	— 232
— Some new experiments of injecting medicated liquor into the veins, together with the considerable cures performed thereby <i>Fabritius</i>	— 564	— 234
— Some anatomical inventions and observations particularly about the origin of the injection into the veins - - <i>Cæcili</i>	III 672	— 290
— An ingenious account of veins observed in plants analogous to human veins <i>Lifter</i>	VI 3052	I 691
— Annotations upon a discovery pretended to have been made by M. Pecquet of a communication		

	Transf.	Abridg.
between the ductus thoracicus and the inferior vena cava - - - <i>Needham</i>	VII 5007	III 259
VEINS. A further account concerning the existence of veins, in all kinds of plants, together with a discovery of the membranous substances of those veins, and of some acts in plants resembling those of senie, and also the agreement of the venal juice in vegetables with the blood of animals, &c. - - - <i>Lifter</i>	- 5131	II 693
— A note upon Mr. Lifter's observations concerning the veins of plants - - - <i>Wallis</i>	VIII 6060	- 696
Remarks on Mr. Wallis's observations <i>Lifter</i>		
— Anatomical observations of an abscess of the liver; a great number of stones in the gall bag and bilious vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys and a great dilatation of the vena cava - - - <i>Tyson</i>	XII 1035	III 81
— Letter concerning powdered blue passing the lacteal veins - - - <i>Lifter</i>	XXII 819	V 259
— An account of a polypus taken out of the vena pulmonalis, and of the structure of that vessel <i>Cowper</i>	- 797	- 221
— An account of divers schemes of arteries and veins, dissected from adult human bodies by J. Evelyn, to which are subjoined a description of the extremities of those vessels, and the manner the blood is seen by the microscope, to pass from the arteries to veins in quadrupeds when living, with some surgical observations and figures after the life <i>Cowper</i>	XXIII 1177	- 335
— An account of the veins and arteries of leaves <i>Nicholls</i>	XXXVI 371	VI 2 340
See <i>particular Veins in their Places</i>		
VELOCITY. Remarks upon a supposed demonstration, that the moving forces of the same body, are not as the velocities, but as the squares of the velocities - - - <i>Eames</i>	XXXIV 188	VI 289
— Remarks upon some experiments in hydraulics, which seem to prove that the forces of equal moving bodies are as the squares of their velocities - - - <i>Eames</i>	XXXV 343	- 292
— A letter occasioned by the present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion - - - <i>Samuel Clarke</i>	- 381	- 294

	Transf.	Abridg.
VELOCITY. A letter containing a new manner of measuring the velocity of wind <i>Brice</i>	LVI 224	
— An experimental examination of the quantity and proportion of mechanic power, necessary to be employed in giving different degrees of velocity to heavy bodies from a state of rest <i>Smeaton</i>	LXVI 450	
— The force of fired gunpowder, and the initial velocities of cannon balls, determined by experiments; from which also is deduced, the relation of the initial velocity to the weight of the shot and the quantity of the powder <i>Hutton</i>	LXVIII 50	
VENEREAL DISEASE. Two extraordinary cafes of a large stone in the urethra brought on by a venereal infection, and of a child born with a remarkable tumour on the loins <i>Huxham</i>	XXVI 257	VII 536
— An attempt to prove the antiquity of the venereal disease, long before the discovery of the West Indies <i>Becket</i>	XXX 839	IV 329
— A letter concerning the antiquity of the venereal disease <i>Becket</i>	XXXI 47	VII 652
— A letter to Dr. Halley, in answer to some objections made to the history of the antiquity of the venereal disease <i>Becket</i>	— 108	— 663
— An extraordinary venereal case <i>Huxham</i>	XLI 667	IX 214
— An extract from the books of the town council of Edinburgh relating to a disease there supposed to be venereal in the year 1497 <i>Mackay</i>	XLII 420	— 213
VENOM. Of a venomous scratch with the tooth of a porpus, its symptoms and cure <i>Lifter</i>	XIX 726	II 842
VENTILATORS. An account of the great benefit of ventilators in many instances, in preserving the health and lives of people in slave and other transport ships <i>Hales</i>	XLV 410	X 634
— Observations on the utility of ventilators in a ship <i>Ellis</i>	XLVII 211	
— An attempt to improve the manner of working the ventilators by the help of the fire-engine <i>Fitzgerald</i>	L 727	
VENTRICLE. An account of the left ventricle of the heart of an amazing magnitude <i>Douglas</i>	XXIX 326	V 231
VENUS. An account of several spots lately discovered in the planet Venus, at Bononia, extracted from the Journal des Scavans <i>Cassini</i>	II 615	I 425

	Transf.	Abridg.
VENUS. Conjunction of the moon and Venus, on the 11th of October, 1670 - <i>Hevelius</i>	V 2023	I 347
— An account of the cause of the late remarkable appearance of the planet Venus, seen this summer for many days together in the day-time <i>Halley</i>	XXIX 466	IV 300
— An account of an occultation of Venus by the moon, Sept. 19, 1729, at Berlin <i>Kirchius</i>	XXXVI. 256	VI 352
— An account of Mercury eclipsed by Venus observed at Greenwich, May 17, 1737 <i>Bevis</i>	XL 394	VIII 207
— Transit of Mercury over Venus, May 17, 1737, at Greenwich	XLI 630	
— An observation of the planet Venus (with regard to her having a satellite) made at sunrise, Oct. 23, 1740 - <i>Short</i>	— 646	— 208
— The phenomena of Venus, represented in an orrery, made by Mr. James Ferguson, agreeable to the observations of Signior Bianchini	XLIV 127	X 95
— Observation of the occultation of Venus by the moon, April 16, 1751 - <i>Bradley</i>	XLVI 201	
— An occultation of the planet Venus by the moon, in the day time observed at London, April 16, 1751 - <i>Bevis</i>	XLVII 159	
— Dissertations on the next transit of Venus over the sun - <i>Boscovich</i>	LI 865	
— Observations on the transit of Venus over the sun, on the 6th of June, 1761, taken at Greenwich - <i>Bliss</i>	LII 173	
At Savile-House, London - <i>Short</i>	— 178	
In Spital-square, London - <i>Canton</i>	— 182	
With a preceding account of the method taken for verifying the time of that phenomenon; and certain reasons for an atmosphere about Venus, made at Chelsea - <i>Dunn</i>	— 184	
— In the island of St. Helena <i>Maskeelyne</i>	— 196	
At Leskeard - <i>Heydon</i>	— 202	
— Observations on the transit of Venus over the sun, on June 3, 1761, at Stockholm <i>Wargentin</i>	— 208	
Further in Sweden - <i>Wargentin</i>	— 213	
At Paris - <i>De la Lande</i>	— 216	
In and near Paris - <i>Ferner</i>	— 221	
At Constantinople - <i>Porter</i>	— 226	
At Upsal in Sweden - <i>Bergman</i>	— 227	
At Caseneburg in Sweden - <i>Wargentin</i>	— 231	
At Greenwich and Shirburn Castle <i>Bliss</i>	— 232	
At Madrid - <i>Eximenus</i>	— 251	

		Transf.	Abridg.
VENUS. At Tobolsk in Siberia, by Abbé Chappe			
	<i>De la Land</i>	— 254	
At Leyden	- - - <i>Lulof</i>	— 255	
At the Island of Rodrigues	- - - <i>Pingré</i>	— 371	
At the Cape of Good Hope	<i>Mason & Dixon</i>	— 378	
At Madrafs	- - - <i>Hirst</i>	— 396	
At Bologna	- - - <i>Zanotti</i>	— 399	
At Calcutta in Bengal, communicated from the Court of directors of the East India Company	<i>Magee</i>	— 582	
— The observations on the internal contact of Venus with the sun's limb, in the late transit, made in the different parts of Europe, compared with the time of the same contact observed at the Cape of Good Hope, and the parallax of the sun thence determined	<i>Short</i>	— 611	
— A delineation of the transit of Venus, expected in 1769	- - - <i>Ferguson</i>	LIII 30	
— A letter from Sweden relating to the late transit of Venus, containing the observations made at Cajaneburg	- - - <i>Wargentin</i>	— 59	
— An account of the transit of Venus, at Schwezinga	- - - <i>Mayer</i>	LIV 163	
— Observations on the transit of Venus at St. John's in Newfoundland	- - - <i>Winthrop</i>	— 277	
— Account of improvements to be made by observations of the transit of Venus in 1769	<i>Hornsbj</i>	LV 326	
— The transit of Venus over the sun's disc, observed June 6, 1761, at Upsal	<i>Mallet</i>	LVI 72	
— Observations on the transit of Venus, over the sun; and the eclipse of the sun, on June 3, 1769	- - - <i>Mackelyne</i>	LVIII 355	
At the Middle Temple, London	<i>Horsfall</i>	LIX 170	
At Shirburn Castle, and Oxford	<i>Hornsbj</i>	— 172	
At Oxford	- - - <i>Horsley</i>	— 183	
At Kew	- - - <i>Bevis</i>	— 189	
At Spital-square	- - - <i>Canton</i>	— 192	
At Leicester	- - - <i>Lud'am</i>	— 236	
Near Quebec	<i>Holland and St. Germain</i>	— 247	
At Hammerfoft for the Royal Society	<i>Dixon</i>	— 253	
At the North Cape	- - - <i>Bayly</i>	— 266	
At the Isle Coudre near Quebec	<i>Wright</i>	— 273	
At Grypswald	- - - <i>Mayer</i>	— 284	
At Norriton in Philadelphia			
	<i>Smith, Lukins, and Sellers</i>	— 289	
In Sweden	- - - <i>Wargentin</i>	— 327	
At Glasgow	- - - <i>Wilfon</i>	— 533	

	Transf.	Abridg.
VENUS. At Hawkhill near Edinburgh, to which are added, some remarks by the Astronomer Royal, and further particulars relative to the observations communicated in other letters <i>Lina</i>	— 339	
At Gibraltar - - - <i>Jardine</i>	— 347	
At Cambridge in New England <i>Winthrop</i>	— 351	
At Paris and other places extracted from the letters of M. de la Lande, and from a letter from Mr. Messier - - -	— 374	
Transit observed June 3, 1769, with a Casselgrain reflector of J. Short, having a metal speculum of two feet focal length, and magnifying about 110 times - - <i>Aubert</i>	— 378	
At Stockholm - - - <i>Ferner</i>	— 404	
At East Dereham in Norfolk <i>Walsflon</i>	— 407	
At Lewestown in Pennsylvania <i>Biddle & Bayley</i>	— 414	
At the Round Tower, in Windsor Castle <i>Harris</i>	— 422	
In Maryland - - - <i>Leas</i>	— 444	
At Prince of Wales's Fort, Hudson's Bay <i>Wales and Dymond</i>	— 480	
Account of several phenomena observed during the ingress of Venus into the solar disc <i>Hirsh</i>	— 228	
A determination of the exact movements of time when the planet Venus was at external and internal contact with the sun's limb, in the transits of June 6, 1761, and June 3, 1769 <i>Dunn</i>	LX 65	
Observations made at Dinapoor on the planet Venus, when passing over the sun's disk, with three different quadrants, and a two foot reflecting telescope - - <i>Deglofs</i>	— 239	
Observations on the late transit of Venus at Caen, in Normandy - - <i>Pigott</i>	— 257	
Phases of the transit of Venus, supposed to be retarded by the aberration of light <i>Winthrop</i>	— 358	
Observations on the transit of Venus at Geneva <i>Mallet</i>	— 363	
At Cavan, in Ireland - - <i>Mason</i>	— 488	
At Cape François - - <i>Pingré</i>	— 497	
On the effect of the aberration of light, on the time of a transit of Venus over the sun <i>Price</i>	— 536	
A short account of the observations of the late transit of Venus, made at St. Joseph's, in California - - <i>Doz</i>	— 549	
Short account of the late Abbe's Chappe's observations of the transit of Venus in California <i>Bourriot</i>	— 551	

	Transf.	Abridg.
VENUS. A deduction of the quantity of the sun's parallax from the comparison of the several observations of the late transit of Venus, made in Europe, with those made in George Island, in the South Seas, by Mr. Lexell Euler, Junior	LXII 69	
VENUS. (Statue of) An account of the discovery of an antient statue of Venus, at Rome		
<i>Mackinlay</i>	LII 44	
VERDIGRIS. Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigris and false leaf gold with aqua fortis		
<i>Baker</i>	LIV 15	
VERTEBRÆ. An observation of an infant, where the brain was depressed into the hollow of the vertebræ of the neck	XIX 533	III 26
<i>Tyson</i>		
VESSELS. Letter touching the true use of the lymphatick vessels	III 791	— 262
<i>De Bille</i>		
— Anatomical observations of an abscess in the liver; a great number of stones in the gall bag and biliary vessels; an unusual conformation of the emulgent and pelvis; a strange conjunction of both kidneys, and a great dilatation of the vena cava	XII 1035	— 81
<i>Tyson</i>		
— Letter concerning a substance coughed up resembling the vessels of the lungs	XXII 545	— 68
<i>Buffiere</i>		
— Observations on the seed vessels, and seeds of polypodium	XXIV 1868	V 2 267
<i>Leeuwenhoek</i>		
— An account of some uncommon anastomoses of the spermatic vessels in a woman	XXXVI 373	VII 553
<i>Mortimer</i>		
— Observations on the origin and use of the lymphatic vessels of animals, being an extract from the Gullstonian Lectures	L 322	
<i>Akenfide</i>		
— Account of an experiment, by which it appears that salt of steel does not enter into the lacteal vessel, with remarks	— 594	
<i>Wright</i>		
VESSELS IN WOOD. Account of the appearance of several woods and their vessels	XIII 197	— 684
<i>Leeuwenhoek</i>		
VESUVIUS. A relation of the raining of ashes, in the Archipelago, upon the eruption of Mount Vesuvius, some years ago	I 377	II 143
<i>Robinson</i>		
— Of the burning and eruption of Mount Vesuvius, 1707	XXVIII 22	IV 2 207
<i>Valetta</i>		
— Extract of a letter giving several curious observations and remarks on the eruptions of fire and smok, from Mount Vesuvius	XXX 708	— 209
<i>Berkeley</i>		
— An account of an extraordinary eruption of		

	Transf.	Abridg.
Mount Vesuvius in March, 1730, extracted from the meteorological diary of that year at Naples - <i>Cyrellus</i>	XXXVII 336	VI 2 199
— An account of the eruption of Vesuvius, May, 1737 - <i>Prince of Cassano</i>	XLI 237	VIII 670
Another account from an English gentleman in <i>Anon.</i>	— 252	— 677
— An account of the eruption of Mount Vesuvius in 1751 - <i>Supple</i>	XLVII 315	
— An account of the eruption of Mount Vesuvius in 1751, in a letter to Sir Mathew Fetherstonhaugh - <i>Anon.</i>	— 409	
— A letter concerning the late eruption of Mount Vesuvius - <i>Parker</i>	— 474	
— An extract of the substance of three letters concerning the late eruption of Mount Vesuvius <i>Jamineau</i>	XLIX 24	
— Some account of an eruption of Mount Vesuvius, March 24, 1758 - <i>Paderni</i>	L 622	
— An account of an eruption of Mount Vesuvius, Dec. 23, 1760 - <i>Styles</i>	LII 39	
Another account of the same eruption <i>Styles</i>	— 41	
— An extract of a letter concerning the late eruption of Mount Vesuvius, dated at Rome, 9th of January, 1761, and the discovery of an ancient statue of Venus, at Rome <i>Mackinlay</i>	— 44	
— Two letters giving an account of the late eruption of Mount Vesuvius, Nov. 17, 1764 <i>Hamilton</i>	LVII 192	
— An account of the eruption of Mount Vesuvius in 1767 - <i>Hamilton</i>	LVIII 1	
— A letter containing some farther particulars on Mount Vesuvius, and other volcanos in the neighbourhood - <i>Hamilton</i>	LIX 18	
— Observations on the heat of the ground on Mount Vesuvius - <i>Howard</i>	LXI 53	
— An account of an eruption of Mount Vesuvius in Aug. 1779 - <i>Hamilton</i>	LXX 42	
VETTER. Some remarkable observations on the Lake Vetter - <i>Hearne</i>	XXIV 1938	
VETURIAN. Remarks upon a Denarius of the Veturian family, with an Etruscan inscription on the reverse - <i>Swinton</i>	LVIII 253	
VIGILÆ FLORUM. See <i>Plant</i>		
VILLA LUDOVISIA. See <i>Bones</i>		
VILLETTE. See <i>Burning-Glass</i>		
VINADIO. An account of the hot baths of Vinadio, in the Province of Coni, in Piedmont <i>Bruni</i>	LI 839	

	Transl.	Abridg.
VINEGAR. The way of making it in France <i>Anon.</i>	V 2002	
— Observations on the mouths of the eels in vinegar, and also a strange aquatic animal <i>Baker</i>	XLII 416	IX 38
VINES. A way of making vines grow to advantage, all over the roof of a house <i>Templer</i>	VIII 6016	II 656
VIPERS. An observation touching the bodies of snakes and vipers <i>Oldenburg</i>	I 138	— 811
— Some observations on vipers <i>Redi</i>	I 160	
— The phenomena afforded by them, included in an exhausted receiver <i>Boyle</i>	V 2012	
— Experiments made upon vipers at Florence <i>Platt</i>	VII 5060	— —
— A discourse of the viper, and some other poisons, wrote by Sir Theodore de Mayerne, after discoursing with Mr. Pontæus <i>Mayerne</i>	XVIII 162	— 814
— Some observations upon vipers <i>Sprengell</i>	XXXII 296	VII 409
— A letter containing some observations on a man and woman bit by vipers <i>Atwell</i>	XXXIX 394	IX 63
— Letter concerning the viper catchers, and the efficacy of oil of olives in curing the bite of vipers <i>Williams</i>	XL 26	— 66
— Two letters concerning the efficacy of oil of olives in curing the bite of vipers <i>Dufay</i>	— 444	— 68
— A letter on the coluber cerastes, or horned viper of Egypt <i>Ellis</i>	LVI 287	
VIRGINIA. A letter concerning an unusual way of propagating mulberry trees in Virginia, for the better improvement of the silk work, together with some particulars tending to the good of that plantation <i>Moray</i>	I 201	II 653
— Inquiries for Virginia, and the Bermudas <i>Royal Society</i>	II 420	III 631
— An account of the advantage of Virginia for building ships <i>—</i>	VIII 6015	II 566
— An account of Virginia, its situation, temperature, productions, inhabitants, and their manner of planting and ordering tobacco, &c. <i>Glover</i>	XI 623	III 566
— Extract of four letters relating to the natural productions of Virginia <i>Banister</i>	XVII 667	II 822
— With an additional note <i>Anon.</i>	— 691	
— A letter giving an account of several observables in Virginia, and in his voyage thither, more particularly concerning the air <i>Clayton</i>	— 781	III 575
— Second letter of farther observations on Virginia <i>Clayton</i>	— 790	

	Transf.	Abridg.
VIRGINIA. A continuation of the account of Virginia		
— A letter giving a farther account of the soil, and other observables of Virginia	<i>Clayton</i> XVII 941	III 581
— A continuation of an account of Virginia	<i>Clayton</i> — 978	— 589
— Answer to several queries of Dr. Grew's, in 1687, relating to Virginia	<i>Clayton</i> XVIII 121	— 592
VISCOUS SLIME. Letter giving an account of a viscous slime left after a flood in the territory of the Landgrave of Thuringue, with observations thereupon by Mr. Watfon	<i>Bojs</i> XLI 143	IX 465
VISION. A new discovery touching vision	<i>Mariotte</i> XLVIII 358	
— An answer	III 6:8	
— Answer to Mr. Peequet, concerning the opinion that the choroeides is the principal organ of	<i>Peequet</i> — 669	
— A continuation of a discourse about vision, with an examination of some late objections against it	<i>Mariotte</i> V 1203	
— Two remarkable cases relating to vision	<i>Briggs</i> XIII 171	
— Letter concerning a contumacious jaundice, accompanied with a very odd case in vision	<i>Briggs</i> XIV 559	III 38
— See <i>Opticks</i>	<i>Dale</i> XVIII 158	— 286
VITRIOL. Of the mineral of Liege, yielding both brimstone and vitriol, and the way of extracting them out of it used at Liege	<i>Anon.</i> I 45	II 530
— Account of a pond, in Somersetshire, to which pigeons resort but cattle will not drink at it	<i>Anon.</i> — 323	— 332
— Further account of the (pond) vitriolate water, with some particulars touching water	<i>Anon.</i> — 359	— —
— A description of a Swedish stone, which affords sulphur, vitriol, allum, and minium	<i>Talbot</i> — 375	— 531
— Some observations and experiments about vitriol, tending to prove the nature of that substance, and to give further light in the inquiry after the principles and properties of other minerals	IX 41	— 451
— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with a metal; and then making out, that allum is likewise the result of the said sulphur; as also		

	Transl.	Abridg.
evinced that vitriol, sulphur, and allum do agree in saline principles, and lastly declaring the nature of the salt in brimstone, and whence it is derived - - - <i>Anon.</i>	IX 66	II 544
— An account of the increase of weight in oil of vitriol, exposed to the air - - - <i>Gould</i>	XIV 496	— 534
— Of the origin of white vitriol and the figure of its chrystals, not yet accounted for - - - <i>Lifter</i>	XXI 331	— 537
VITRUM ANTIMONII CERATUM. Observations on the effects of the - - - <i>Geoffroy</i>	XLVII 273	
VITULUS MARINUS. Some account of the phoca, vitulus marinus, or sea calf, shewed in London, 1743 - - - <i>Parsons</i>	XLII 383	IX 74
VITUS'S DANCE. An account of the cure of St. Vitus's Dance by electricity - - - <i>A. Fathergill</i>	LXIX 1	
VIVIPAROUS. An account of a kind of fly at this viviparous - - - <i>Lifter</i>	VI 2170	II 787
— Account of a fly that is viviparous - - - <i>Lifter</i>	XIV 592	— —
— A letter concerning the minute eels in paste being viviparous - - - <i>Sherwood</i>	XLIV 67	XI 799
VOICE. An essay tending to make a probable conjecture of tempers by the modulation of the voice in ordinary discourse - - - <i>Ent</i>	XII 1010	III 61
VOLATILE SALT. See <i>Salt</i>		
VOLCANO. An account of the upper part of the burning mountains in the isle of Ternata according to the view taken thereof - - - <i>Witzem</i>	XIX 42	II 392
— A farther relation of the horrible burning of some mountains of the Molucco islands - - - <i>Witzem</i>	— 529	— 394
— An account of a very odd eruption of fire out of a spot in the earth near Fierenzola in Italy - - - <i>St. Clair</i>	XX 378	— 385
— A letter containing some farther particulars on Mount Vesuvius, and other volcanos in the neighbourhood - - - <i>Hamilton</i>	LIX 18	
— An account of two Giants Causeways or Group of prismatic basaltine columns, and other curious volcanic concretions, in the Venetian states in Italy, with some remarks on the characters of these and other similar bodies, and on the physical geography of the countries in which they are found - - - <i>Strange</i>	LXV 5	
— An account of a Volcanic hill near Inverness - - - <i>West</i>	XVII 385	
— A letter giving an account of certain traces of		

	Transl.	Abridg.
volcanos on the banks of the Rhine Sir W. Hamilton	LXVIII 1	
— See <i>Ætna, Vesuvius</i>		
VOLGA. A specimen of the natural history of the Volga — — — — — <i>Forster</i>	LVII 312	
— Some account of a new map of the river Volga — — — — — <i>Forster</i>	LVIII 214	
VOLUNTARIES. See <i>Musie</i>		
VOMIT. Extract of a letter containing some relations concerning odd worms vomited by children — — — — — <i>Lifter</i>	X 391	III 135
VOMITING MEDICINES. The practice of purging and vomiting medicines, according to Dr. Cockburn's solution of his problem; with tables shewing their doses in particular ages and constitutions — — — — — <i>Cockburn</i>	XXVI 46	V 397
VORTICES. A physico-mathematical demonstration of the impossibility and insufficiency of vortices — — — — — <i>Sigorgne</i>	XLI 409	VIII 378
VOYAGES. Directions for seamen bound for far voy- ages — — — — — <i>Royal Society</i>	I 140	III 631
— An appendix to the directions — — — — — <i>Anon.</i>	— 147	II 257
— Observations made by a curious and learned person sailing from England to the Caribbee Islands — — — — — <i>Stubbes</i>	II 493	III 546
— An enlargement of the observations — — — — — <i>Stubbes</i>	III 699	— 551
— The remainder of the observations in the same voyage — — — — — <i>Stubbes</i>	— 717	— 557
— Narrative of a voyage from Spain to Mexico, and of the minerals of that kingdom — — — — — <i>Anon.</i>	— 817	II 588
— An account of a passage by sea to the East Indies — — — — — <i>Smithson</i>	IV 1003	III 416
— A narrative of some observations made upon several voyages to find a way for sailing about the north to the East Indies, and for returning the same way from thence hither; together with instructions given by the Dutch East- India Company for the discovery of Jesso, near Japan; to which is added a relation of sailing through the northern America to the East-Indies — — — — — <i>Van Nierop</i>	IX 197	— 505
— A relation of a voyage from Aleppo to Palmyra in Syria — — — — — <i>Halifax</i>	XIX 83	— 489
— An extract of the journals of two several voyages of the English merchants of the factory of Aleppo, to Tadmor, anciently called Palmyra	— 129	— 492

	Trans.	Abridg.
VOYAGES. Journal of a voyage from London to Constantinople, 1668 <i>Smith</i>	XIX 597	
— An account of a voyage to Chusan in China, with a description of the island, of the several forts of tea, of the fishing, agriculture of the Chinese, &c. with several observations not hitherto taken notice of <i>Cunningham</i>	XXIII 1201	V 2 171
— Journal of a voyage made by order of the Royal Society to Churchill River on the North West Coast of Hudson Bay; of thirteen months residence in that country; and of the voyage back to England, in 1768, 1769 <i>Wales</i>	LX 100	
— Two letters of a voyage to Bengal, with observations made there <i>Rose</i>		
— Remarks and observations made on board the ship Kelfall, on a voyage to Judda and Mocha, in 1769 <i>Newland</i>		
— The method taken for preserving the health of the crew of his Majesty's ship the Resolution during her late voyage round the world <i>Cook</i>	LXVI 402	
— Journal of a voyage to the East-Indies, in the ship Grenville, Burnet Abercrombie Captain, in the year 1775 <i>Dabrymple</i>	LXVIII 389	
— Tract of his Majesty's armed brig Lion from England to Davis's Streights and Labrador, with observations for determining the longitude by sun and moon, and error of common reckoning; also the variation of the compass and dip of the needle as observed during the said voyage in 1776 <i>Pickersgill</i>	— 1057	
VULTURE. An account of a prodigiously large feather of the bird cuntur, brought from Chili, and supposed to be a kind of vulture <i>Sloane</i>	XVIII 61	II 360

W.

	Transf.	Abridg.
WALES. A letter containing several observations in natural history made in his travels through Wales - - - <i>Lbwyd</i>	XXVII 462	V 34 V 2 117
With a further account of birds mentioned in it - - - <i>Lbwyd</i>	— 466	V 34
Farther observations - - - <i>Lbwyd</i>	— 467	V 2 118
— A letter giving a further account of what he met with remarkable in natural history and antiquities in his travels through Wales <i>Lbwyd</i>	— 500	— - 120
— Extracts of letters containing observations in natural history and antiquities in his travels through Wales and Scotland <i>Lbwyd</i>	XXVIII 93	— - —
WALL. Vide <i>Figures</i>		
WALLING. Vide <i>Antiquities</i>		
WALNUTS. Enquiries relating to the bleeding of walnut trees - - - <i>Tonge</i>	V 1196	II 676 — 684
— Observations on - - - <i>Willoughby</i>	— 1201	
— A description of a new kind of walnut trees discovered by - - - <i>Reneaume</i>	XXII 908	IV 2 323
WALPOLE, HORACE. See <i>Stone</i>		
WARMING ROOMS. A proposal for warming rooms by the steam of boiling water conveyed in pipes along the walls - - - <i>Cook</i>	XLIII 370	XI 1391
WASHES. A table of the washes in Lincolnshire <i>Mervet</i>	XIX 392	II 267
WASPS. Observations about wasps, and the difference of their sexes - - - <i>Derham</i>	XXXIII 53	VII 404
— An account of some very curious wasps nests made of clay in Pennsylvania <i>Bartram</i>	XLIII 363	XI 847
— A description of the great black wasp from Pennsylvania - - - <i>Bartram</i>	XLVI 278	— 848
— Two letters from Cambridge in New England,		

	Transf.	Abridg.
concerning two small species of wasps		
<i>Harrison</i>	XLVII 184	
WASPS. Some observations upon an American wasp's nest - - - <i>Mauduit</i>	XLIX 205	
— Observations on the yellowish wasp of Pennsylvania - - - <i>Collinson</i>	LIII 37	
— An account of a singular species of wasp <i>Felton</i>	LIV 53	
WATCHES. A narrative concerning the success of pendulum watches at sea for the longitudes <i>Holmes</i>	I 13	I 555
— Instructions concerning the use of pendulum-watches, for finding the longitude at sea; together with a method of a journal for such watches - - - <i>Hugens</i>	IV 937	— 547
— An extract concerning very exact and portable watches - - - <i>Hugens</i>	X 272	— 465
— Extract of a letter concerning the principle of exactness in the portable watches of his invention - - - <i>Leibnitz</i>	— 285	I 466
— An instrument for seeing the sun, moon, or stars pass the meridian of any place, useful for setting watches in all parts of the world with the greatest exactness, to correct sun dials, to assist in the discovery of the longitudes of places <i>Derham</i>	XXIV 1578	IV 464
— Account of advantages of a newly invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers and wheel and pinion <i>Le Cerf</i>	LXVIII 950	
WATERS. (Agitation of various) Twenty seven letters giving an account of an extraordinary and surprising agitation of the waters, Nov. 1, 1755, though without any perceptible motion of the earth, having been observed in various parts of this island, both maritime and inland on the same day, and chiefly about the time, that the more violent commotions of both earth and waters, so very extensively affected many very distant parts of the globe; in many letters transmitted to the Society; in which are specified the times and places when and where they happened	XLIX 351	
Portsmouth - - - <i>Robertson</i>	— 551	
Suffex and Surry - - - <i>Webb</i>	— 353	
Guildford - - - <i>Ades</i>	— 357	

		Transf.	Abridg.
WATERS. (Agitation of various)	Petworth	<i>Hodgson</i>	XLIX 358
Cranbrook	-	<i>Tempest</i>	— 360
Chewning	-	<i>Pringle</i>	—
Rotherham	-	<i>Mills</i>	— 361
Peerless Poole, London	-	<i>Birch</i>	— 362
Rochford, Essex	-	<i>Thomlinson</i>	— 364
Reading	-	<i>Philips</i>	— 365
Reading	-	<i>Blair</i>	— 367
Sherburn Castle, Oxfordshire	-	<i>Parker</i>	— 368
Devonshire, Cornwall, Plymouth, Mount's bay, Penzance, &c.	-	<i>Huxham</i>	— 371
Mount's bay	-	<i>Borlase</i>	— 373
Swansey	-	<i>Blair</i>	— 379
Norwich	-	<i>Arderon</i>	— 380
Yarmouth	-	<i>Barber</i>	—
Hawkeshead, Cumberland	-	<i>Harrison</i>	— 381
Durham	-	<i>Cowper</i>	— 385
Edinburgh	-	<i>Stevenson</i>	— 387
Lufs in Scotland	-	<i>Colquhoun</i>	— 389
Kinsale	-	<i>Nicola</i>	— 393
Toplitz, Bohemia	-	<i>Staplin</i>	— 395
Hague	-	<i>De Hondt</i>	— 396
Leyden	-	<i>Allmand</i>	— 397
—	An extract of a letter, with an account of an extraordinary agitation of the water in a small lake at Closeburn, in the shire of Dumfries, Feb. 1, 1756	<i>Kilpatrick</i>	— 521
—	Extract of a letter concerning an extraordinary motion in the waters in the lake Ontario in North America	<i>Belcher</i>	— 544
—	An account of the agitation of the waters on the 1st of November, 1755, in Scotland and Hamburg	<i>Pringle</i>	— 550
—	Extract of a letter relating to the agitation of the waters observed at Dartmouth, Nov. 1, 1755	<i>Holdsworth</i>	— 643
—	An account of the agitation of the sea at Antigua Nov. 1, 1755	<i>Affleck</i>	— 668
—	An account of the extraordinary agitation of the waters, in several ponds in Hertfordshire, Nov. 1, 1755	<i>Rutberford</i>	— 684
—	Some account of the extraordinary agitation of the waters in Mount's bay, and other places, on the 31st of March, 1761	<i>Borlase</i>	LII 418
WATER. (Chemistry)	Way of examining waters as		

to freshness and saltness	- Boyle	Transf. XVII 627	Abridg. II 298
WATER. (Chemistry) Several experiments about giving variety of tinctures to water, &c.	Southwell	XX 87	III 656
— An account of the filtering stone of Mexico, and compared with other stones, by which it is shewn that it is of little or no use in purifying the waters which have passed through it	Vaterus	XXXIX 106	VIII 728
— An account of some trials to keep water and fish sweet with lime-water	Hales	XLVIII 826	
— An account of some trials to sweeten stinking water	Hales	XLIX 339	
— A letter on the solubility of iron in simple water by the intervention of fixed air	Lane	LIX 216	
— The description of an apparatus for impregnating water with fixed air, and of the manner of conducting that process	Nooth	LXV 59	
WATER, LIME. See <i>Lime</i>			
WATER. (Gravity) An invention for estimating the weight of water in water, with ordinary balances and weights	Boyle	IV 1001	I 520
— A new experiment concerning an effect of the varying weight of the Atmosphere upon some bodies in the water	Boyle	VII 5156	II 204
— Some experiments and observations on the force of the pressure of the water at great depths	Anon.	XVII 504	I 521
— An extract of a letter giving an account of an experiment made in the bay of Biscay of the pressure of water at various depths on a bottle close corked, and of Lay Well which ebbs and flows	Oliver	XVII 908	— —
— An account of an experiment touching the proportion of the weight of air, to the weight of a like bulk of water, without knowing the quantity of either	Hauksbee	XXV 2221	IV 2 180
— An account of some experiments in relation to the weight of common water under different circumstances	Hauksbee	XXVI 221	
— An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point, observed by a thermometer	Hauksbee	— 267	VI 2 181

	Trans.	Abridg.
WATER. (Gravity) An account of some experiments in relation to the weight of common water under different circumstances - <i>Haukbee</i>	XXVI 269	IV 2 181
— An experiment touching the weighing of bodies of the same species, but very unequal surfaces in common water, being of an equal weight in common air - <i>Haukbee</i>	— 306	— 181
— The specific gravity of several metalline cubes, in comparison with their like bulks of water <i>Haukbee</i>	XXVIII 521	
— A caution to be used in examining the specific gravity of solids by weighing them in water <i>Jurini</i>	XXXI 223	VI 327
— A course of experiments to ascertain the specific buoyancy of cork in different waters, the respective weights and buoyancy of salt water, and fresh water, and for determining the exact weight of human and other bodies in fluids - <i>Wilkinson</i>	LV 95	
WATER. (Hydraulics) A way of producing winds by the fall of water <i>Pope</i>	I 21	I 498
— Undertaking for raising of water <i>Mireland</i>	IX 25	— 537
— A new way of raising water <i>Papin</i>	XV 1093	— 539
— Letter concerning Dr. Papin's way of raising water - <i>Vincens</i>	— 1238	—
— Letter concerning Dr. Papin's new water engine - <i>Tenon</i>	— 1254	—
— A full description, with the use, of a new contrivance for raising water - <i>Papin</i>	— 1274	— 450
— Answer to several objections made by Mr. Nuis against his engine for raising water by the rarefaction of the air - <i>Papin</i>	XVI 263	— 542
— An account of the motion of running water <i>Jurini</i>	XXX 748	IV 435
— A description of an engine to raise water by help of quicksilver, invented by Haskins, and improved by Defaguliers - <i>Anon.</i>	XXXII 5	VI 352
— A defence of the dissertation on the motion of running water against the animadversions of P. A. Michelotti - <i>Jurini</i>	— 179	— 431
— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermixed air, with a description of a new machine, whereby pipes may be cleared of air, as the water runs along, without stand-pipes, or the help of any hand <i>Defaguliers</i>	XXXIV 77	— 347

	Transf.	Abridg.
WATER (Hydraulics) A description of the water-works at London Bridge - <i>Beighton</i>	XXXVII 5	VI 3 58
— An account of a new engine for raising water by horses - - - <i>Churchman</i>	XXXVIII	VIII 322
— Of the measure and motion of running waters	402	
With the conclusion - <i>Jurin</i>	XLI 5	— 282
— A narrative of a new invention of expanding fluids by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulo-pneumatical and other engines for raising of water and other uses, &c.	— 65	
— Part of a letter containing a description of a water-wheel for mills, invented by Mr. Philip Williams - - - <i>Payne</i>	XLI 821	VIII 638
— A description of a clepsydra, or water clock - - - <i>Arderon</i>	XLIV 1	X 247
— An experimental enquiry, concerning the natural powers of water and wind to turn mills, and other machines depending on a circular motion - - - <i>Hamilton</i>	— 171	— 428
— Problems concerning the fall of water under bridges, applied to the fall under London and Westminster Bridges - - - <i>Smeaton</i>	LI 100	
— Short and easy methods for finding the quantity and weight of water contained in a full pipe of any given height and diameter of bore, and consequently to find what degree of power would be required to work a common pump, or any other hydraulic engine, when the diameter of the pump bore, and the height to which the water is to be raised, are given - <i>Ferguson</i>	L 492	
— A memoir concerning the most advantageous construction of water-wheels, &c. - <i>Mallet</i>	LV 61	
— An account of a machine for raising water, executed at Oulton in Cheshire, in 1772 - <i>Whitehurst</i>	LVII 372	
WATER. (Medicine) An account of what happened on syringing warm water into the thorax of a bitch - - - <i>Musgrave</i>	LXV 277	
— The art of living under water; or a discourse concerning the means of furnishing air at the bottom of the sea in any ordinary depths - <i>Halley</i>	XX 181	III 78
	XXIX 492	IV 2 188

	Transf.	Abridg.
WATER (Medicine) An addition to the description of the art of living under water - Rogers	XXXI 177	VI 350
— Of the use of cold water in fevers - <i>Cyrillus</i>	XXXVI 142	VII 635
— Relation of a girl three years old, who remained a quarter of an hour under water without drowning - <i>Green</i>	XLI 166	IX 241
— Case of a large quantity of matter or water contained in cyrtis or bags adhering to the peritoneum, and not communicating with the cavity of the abdomen - <i>Graham</i>	— 708	— 187
— A letter concerning a man who lived eighteen years on water - <i>Campbell</i>	XLII 240	— 238
— An account of an extraordinary cyrtis in the liver, full of water - <i>Fernegan</i>	XLIII 305	XI 971
— A proposal for warming rooms by the steam of boiling water conveyed in pipes along the walls - <i>Cook</i>	— 370	— 1391
— Account of the airs extracted from different kinds of waters, with thoughts on the salubrity of the air at different places - <i>Fontana</i>	LXIX 432	
WATERS (Mineral.) Account of a pond in Somershire to which pigeons resort, but cattle will not drink at it - <i>Anon.</i>	I 332	II 332
Further account of the (pond) vitriolate water, with some particulars touching waters - <i>Anon.</i>	— 359	— —
— An account of some sanative-waters in Herefordshire - <i>Beale</i>	— 358	— —
— An answer to the hydrologia chymica of Mr. W. Simpson - <i>Wittie</i>	IV 999	
The answer enlarged - <i>Wittie</i>	— 1038	
— Some reflections made on the enlarged account of Dr. Wittie's answer to hydrologia chymica, chiefly concerning the cause of the sudden loss of the virtues of mineral waters - <i>Foot</i>	— 1050	— 365
— Some considerations relating to Dr. Wittie's defence of Scarborough Spaw, with an account of a salt spring in Somersetshire, and of a medicinal spring in Dorsetshire - <i>Highmore</i>	— 1128	
— Discourse relating to the notes of Dr. Foot in vol. IV. 1050, and of Dr. Highmore in vol. IV. 1128, concerning mineral waters, and extracts made out of them - <i>Wittie</i>	V 1074	
— Advertisements concerning springs, waters, petrifying and metallizing waters, &c. - <i>Beal</i>	X 357	
— Some queries whereby to examine mineral waters - <i>Petty</i>	XIV 802	— —

	Transl.	Abridg.
WATER (Mineral) Two letters concerning some mineral waters - - - <i>Cay</i>	XX 365	
— Observations on rain-water - - <i>Leeuwenhoek</i>	XXIII 1152	
— A short account of the nature and virtues of the Pyrmont waters, with some observations on their chalybeate qualities - <i>Slare</i>	XXX 564	IV 2 201
— An historico-physical observation on the brasis waters of Nisol commonly called cement-watfzer, changing iron to brasis - <i>Belius</i>	XL 351	VIII 645
— An examination of the Chilternham mineral water, which may serve as a method in general for examining mineral waters - <i>Seckenburg</i>	XLI 830	— 650
— Experiments by way of analysis upon the water of the Dead Sea, upon the hot spring near Tiberiades, and upon Hamman Pharoan water - - - <i>Perry</i>	XLII 48	— 643
— An account of the Carlsbad mineral waters in Bohemia - - - <i>Milles</i>	L 25	
— Thoughts on the different impregnations of mineral waters; more particularly concerning the existence of sulphur in some of them - <i>Rutty</i>	LI 275	
— Extract of an essay entituled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Avernî - <i>Brownrigg</i>	LV 236	
— Experiments on Rathbone-Place water - <i>Cavendish</i>	LVII 92	
— An account of the sulphureous mineral waters of Castle-Loed and Fairburn in the county of Ross, and of the salt purging water of Pitkeathly in the county of Perth, in Scotland - <i>Monro</i>	LXII 15	
— Continuation of an experimental inquiry concerning the nature of the mineral elastic spirit or, air contained in the Pouchon water, and other acidulæ - - - <i>Brownrigg</i>	LXIV 357	
— See <i>Baths, Birch, Sea, Spout</i>		
WATER. (Natural history) Of a place in England, where, without petrifying water, wood is turned into stone - - - <i>Boyle</i>	I 101	II 325
— The causes of mineral springs further inquired into and the strange and secret changes of liquors, examined - - - <i>Beale</i>	IV 1131	— 712
— A particular account of the origin of fountains		

	Transf.	Abridg.
and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually - - - <i>Anon.</i>	X 447	II 329
WATER (Natural history) Observations concerning some little animals observed in rain, well, sea, and snow water; as also in water where pepper had lain infused - - - <i>Leeuwenhoek</i>	XII 821	III 683
With the manner of observing them <i>Leeuwenhoek</i>	— 844	— —
— Experiments and observations about the nation of Egypt, and the Nitrian water <i>Leigh</i>	XIV 609	II 525
— Several observations and experiments on the animalcula in pepper water <i>Sir Edmund King</i>	XVII 861	III 654
— The history of the generation of an insect by him called the Wolf; with observations on insects bred in rain water, in apples, cheese, &c. - - - <i>Leeuwenhoek</i>	XVIII 194	— 685
— Some microscopical observations of vast numbers of animalcula seen in water <i>Harris</i>	XIX 254	— 652
— An account of an extraordinary eruption of water, in June, 1686, in Yorkshire <i>R. P.</i>	XX 382	II 328
— Observations on some animalcula in water <i>Leeuwenhoek</i>	XXIII 1430	V 2 266
— Part of a letter giving a farther account of an eruption of waters in Craven <i>Thoresby</i>	XXV 2236	IV 2 192
— A picture and description of a water insect not before described - - - <i>Klein</i>	XL 150	IX 6
A description of the same sort of insect found in Kent - - - <i>Brown</i>	— 153	— 7
With an addition - - - <i>Mortimer</i>	— —	— —
— Observations on the mouths of eels in vinegar, and also a strange aquatic animal <i>Baker</i>	XLII 416	— 38
— Observations upon several species of small water insects of the polypus kind - - - <i>Trembley</i>	XLIV 627	XI 807
— An account of some remarkable insects of the polype kind found in the water near Brussels in Flanders - - - <i>Brady</i>	XLIX 248	— —
WATERS. (Natural philosophy) Some trials about the air usually harboured and concealed in the pores of water - - - <i>Boyle</i>	V 2018	— —
— Some experiments about freezing, and the difference betwixt common fresh water ice, and that of the sea water <i>Lifter</i>	XV 836	II 164
— An account of the evaporation of Water as it was experimented in Gresham College in		

	Transf.	Abridg.
1693, with some observations thereon <i>Halley</i>	XVIII 183	II 110
WATERS (Natural Philosophy) Microscopical observations and experiments	XIX 280	
— Letter concerning the different tastes of waters <i>Leeuwenhoek</i>	XXII 899	V 2 266
— Letter concerning making water subservient to the viewing both near and distant objects, with the description of a natural reflecting microscope - - - <i>Gray</i>	XVIII 539	I 195
Farther account of his water microscope <i>Gray</i>	XIX 353	— 209
— An experiment shewing that the seemingly spontaneous ascension of water in small tubes, open at both ends, is the same in vacuo as in the open air - - - <i>Hauksbee</i>	XXV 2223	V 279
— Several experiments touching the seeming spontaneous ascent water - <i>Hauksbee</i>	XXVI 258	IV 2 181
Continuation - - - <i>Hauksbee</i>	— 265	
— An experiment touching the freezing of common water, and water purged of air <i>Hauksbee</i>	— 302	— 182
— An account of an experiment touching the freezing of common water tinged with a liquid said to be extracted from shell-lac <i>Hauksbee</i>	— 304	— 182
— An account of some experiments touching the keeping of fishes in water under different circumstances - - - <i>Hauksbee</i>	XXVII 431	IV 2 182
— Part of a letter concerning the ascent of water between two glass planes - <i>Taylor</i>	— 538	IV 423
- - - <i>Hauksbee</i>	— 539	IV 2 182
— An account of some experiments, with an enquiry into the cause of the ascent and suspension of water in capillary tubes <i>Furin</i>	XXX 739	IV 423
— An account of some new experiments relating to the action of glass tubes upon water and quick-silver - - - <i>Furin</i>	— 1083	— 428
— Experiments and observations of the freezing of water in vacuo - <i>Fahrenheit</i>	XXXIII 78	VI 2 51
— A letter concerning the electricity of water <i>Gray</i>	XXXVII 227	— 22
— An experiment to prove that water when agitated by fire is infinitely more elastic than air in the same circumstances - <i>Clayton</i>	XLI 162	VIII 466
— A dissertation on the nature of evaporation, and several phenomena of air, water, and boiling liquors - - - <i>Hamilton</i>	I 146	
— Experiments to prove that water is not compressible - - - <i>Canton</i>	LII 640	

	Transf.	Abridg.
WATER. (Natural Philosophy) Experiments and observations on the compressibility of water, and some other fluids - - <i>Canton</i>	LIV 261	
— The supposed effect of boiling upon water, in disposing it to freeze more readily, ascertained by experiments - - <i>Black</i>	LXV 124	
— On the variation of the temperature of boiling water - - <i>Shuckburgh</i>	LXIX 362	
WAX. An advertisement of a way of making more lively counterfeits of nature in wax, than are extant in painting; and of a new kind of maps in low relieve, both practised in France <i>Anon.</i>	I 99	I 193
— Extract of two letters concerning the effects of a cane of black sealing-wax, and a cane of brimstone, in electrical experiments <i>Miles</i>	XLIV 27	X 317
— Observations on the Abbe Mazeas's letter on the Count de Caylus's method of imitating the ancient painting in burnt wax <i>Parson</i>	XLIX 655	
WEATHER. See <i>Barometer, Meteorological Observations, Thermometer</i>		
WEATHER CORD. See <i>Hygrometer</i>		
WEAVERS. Account of the weavers alarm, vulgarly - - <i>Arderon</i>	XLIII 555	XI 1392
WEAVING. An account of Mr. Le Blon's principles of printing in imitation of painting, and of weaving of tapestry in the same manner as brocades - - <i>Mortimer</i>	XXXVII 101	VI 469
WEDGE. An account of an experiment concerning the angle required to suspend a drop of oil of oranges, at certain stations, between two glass planes, placed in the form of a wedge <i>Hauksbee</i>	XXVII 473	IV 2 182
WEED. An account of a new dye from the berries of a weed in South Carolina <i>Lind</i>	LIII 238	
WEIGHTS. An invention for estimating the weight of water in water with ordinary balances and weights - - <i>Boyle</i>	IV 1001	I 520
— Of the weight of a cubic foot of divers grain - - <i>Anon.</i>	XV 926	— 522
— Further list of specific gravities of bodies <i>Anon.</i>	— 927	— 523
— An account of some experiments in relation to the weight of common water under different circumstances - - <i>Hauksbee</i>	XXVI 221	

WEIGHTS.

	Transf.	Abridg.
WEIGHTS. An account of some experiments in relation to the weight of common water under different circumstances - <i>Hauksbee</i>	— 269	IV 2 181
— Experiments touching the time required in the descent of different bodies of different magnitudes and weights in common air from a certain height - - <i>Hauksbee</i>	XXVII 196	— - 182
— An account of an experiment explaining a mechanic paradox, viz. that two bodies of equal weight suspended on a certain balance, do not lose their equilibrium, by being removed one farther from, the other nearer to, the center - - <i>Defaguliers</i>	XXXVII 125	VI 310
— A letter of weighing the strength of electrical effluvia - - <i>Ellicot</i>	XLIV 96	X 324
— A course of experiments to ascertain the respective weights and buoyancy of salt-water and fresh water, and for determining the exact weight of human and other bodies in fluids - - <i>Wilkinson</i>	LV 95	
WEIGHTS AND MEASURES. An experiment to compare Paris weights as they are now used with the English weights - <i>Defaguliers</i>	XXXI 112	VII 4 46
— An account of the analogy betwixt English weights and measures of capacity <i>Barlow</i>	XLI 457	IX 488
— An account of the proportion of the English and French measures and weights from the standard of the same kind at the Royal Society - - - <i>Anon.</i>	XLII 185	— 489
— An account of a comparison lately made by some gentlemen of the Royal Society of the standard of a yard, and the several weights lately made for their use; with the original standards of measures and weights in the Exchequer, and some others kept for public use at Guildhall, Founders Hall, the Tower, &c. - - <i>Graham</i>	— 541	— 491
— A state of the English weights and measures of capacity, as they appear from the laws as well ancient as modern; with some considerations thereon; being an attempt to prove that the present avoirdupoise weight is the legal and ancient standard for the weights and measures of this kingdom <i>Reynardson</i>	XLVI 54	XI 1356

	Transf.	Abridg.
WEIGHTS AND MEASURES. Short and easy methods for finding the number of Troy pounds contained in any given number of avoirdupoise pounds, and vice versa <i>Ferguson</i>	LV 61	
WEIGHTS. Remarks upon two Etruscan weights or coins never before published <i>Swinton</i>	LXI 82	
— An inquiry to shew what was the ancient English weight and measure according to the laws or statutes prior to the reign of Henry the Seventh <i>Norris</i>	LXV 48	
WEIGHTS. See <i>Coins, Measures</i>		
WEIGHT. Extract of a letter concerning two men of an extraordinary bulk and weight <i>Knowlton</i>	XLIV 100	XI 1245
WELL. The description of a well and earth in Lancashire, taking fire by a candle approached to it <i>Shirley</i>	II 482	III 149
— An account of wells, both salt and sweet, digged near the sea at Bermudas <i>Norwood</i>	— 565	II 298
— Instances, hints, and applications, relating to a main point, solicited in the preface to this fourth volume, concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to promote the generation of salt, minerals, metals, crystals, gems, stones of divers kinds, &c. <i>Beale</i>	IV 1135	
— Observations concerning some little animals observed in rain, well, sea, and snow-water; as also in water where pepper had lain infused <i>Leeuwenboek</i>	XII 821	III 683
With the manner of observing them <i>Leeuwenboek</i>	— 844	— —
— A letter from the king's officers at Sheerness giving an account of what they met with in opening an ancient well near Queensborough, in Kent, Jan. 8, 1729 <i>Collison</i>	XXXVI 191	IV 2 244
— An observation of an extraordinary damp in a well in the isle of Wight <i>Cook</i>	XL 379	VIII 658
— A letter concerning a burning well at Brosely <i>Mafon</i>	XLIV 370	X 586
— An account of a new medicinal well, lately discovered near Moffat in Annandale, in the county of Dumfries <i>Walker</i>	L 117	
— Extract of a letter from Calcutta, concerning a burning rock, and a burning well <i>Wood</i>	LII 415	

	Transl.	Abridg.
WEN. An account of an extraordinary tumour or wen lately cut off the cheek of a person in Scotland - <i>Bower</i>	XXX 713	V 217
WEREDALE. A letter concerning a subterraneous cavern in Weredale - <i>Durant</i>	XLIV 221	X 588
WESTASHTON WELL WATER. An examination of Westashton well water - <i>Hankewitz</i>	XLI 828	VIII 649
WESTMINSTER BRIDGE. Problems concerning the fall of water under bridges, applied to the falls under London and Westminster Bridges - <i>Robertson</i>	L 492	
WHALE. (Astronomy) Remarks about the new star in the neck of the - <i>Hevelius</i>	V 2023	
WHALE. (Fish and fishing) Of the new American whale fishing about the Bermudas - <i>Anon.</i>	I 11	II 824
— A further relation of the whale fishing about the Bermudas, and on the coast of New-England, and New Netherland - <i>Anon.</i>	— 132	
— An account of the whale fishing at Bermudas, and of such whales as have the sperma-ceti in them - <i>Norwood</i>	II 565	— 268
— A letter concerning the whales at Bermudas and sperma-ceti - <i>Stafford</i>	III 792	— —
— A letter concerning the flesh of whales, crystalline humour of the eye of whales, fish and other creatures, and of the use of the eye-lids - <i>Leeuwenhoek</i>	XXIV 1723	V 2 267
— A letter containing observation upon the seminal vessels, muscular fibres, and blood of whales - <i>Leeuwenhoek</i>	XXVII 438	V 2 267
— Of ambergris found in whales - <i>Boylston</i>	XXXIII 193	VII 423
— An essay upon the natural history of whales, with a particular account of the ambergris found in the sperma ceti-whale - <i>Dudley</i>	— 256	— 424
— An account of a machine for killing of whales - <i>Bond</i>	XLVII 429	
— Vide <i>Cachalot</i>		
WHEAT. An odd effect of thunder and lightning upon wheat and rye in the granaries at Dantzick - <i>Kirkby</i>	VIII 692	II 174
— Letter about the grains resembling wheat which fell lately in Wiltshire - <i>Cole</i>	XVI 281	
— An account of some experiments by Mr. Miller of Cambridge, on the sowing of wheat - <i>William Watson</i>	LVIII 203	
— A discourse proving from experiments, that the		

	Transl.	Abridg.
larger the wheels of a coach, &c. are, the more easily they may be drawn over a stone, or such like obstacle that lies in the way <i>Anon.</i>	XV 856	I 503
WHEEL. Account of the advantages of a newly invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers and wheel and pinion - <i>Le Cerf</i>	LXVIII 950	
— A memoir concerning the most advantageous construction of water-wheels, &c. <i>Mallet</i>	LVII 372	
WHELP. An account of an animal, resembling a whelp, voided per anum by a male greyhound <i>Hally</i>	XIX 316	II 904
WHITENESS. A letter concerning the whiteness on the tongue in fevers - <i>Leeuwenboek</i>	XXV 2456	V 2 267
WHIRLWIND. Account of a whirlwind in Northamptonshire - <i>Anon.</i>	XVIII 192	II 104
— Account of a whirlwind which happened at Cerne Abbas in Dorsetshire, Oct. 30, 1731 <i>Derby</i>	XLI 229	VIII 499
— An account of a meteor seen in New England, May 10, 1760, and of a whirlwind felt in that country, July 10, 1760 <i>Winthrop</i>	LII 6	
WIDGELL HALL. See <i>Figures</i>		
WILLIAMS. See <i>Water-Wheel</i>		
WILLOW. Observations on insects lodging themselves in old willows - <i>King</i>	V 2098	II 772
— Letter concerning excrescences growing on willow leaves - <i>Willoughby</i>	— 2100	
— An account of the success of the bark of the willow in the cure of agues - <i>Leeuwenboek</i>	XXII 786	V 2 266
WIND. A way of producing wind by the fall of water - <i>Stone</i>	LHI 195	
— Observations made in mines, and at sea, occasioning a conjecture about the origin of wind <i>Pope</i>	I 21	I 498
— Extract of several letters from Edinburg, giving an account of an obelisk thrown down by a violent wind, of an extraordinary lake in Lord Lovat's lands in Scotland, of Lake Ness, and of a petrifying rivulet - <i>Colepreffe</i>	II 481	II 105
— Advertisements concerning black-winds and tempests - <i>Makenzy</i>	X 307	— 104
— The breath of the sea plants probably the mate- <i>Real</i>	— 357	

	Transf.	Abridg.
rial cause of the trade or tropick winds		
<i>Lifter</i>	XIV 489	II 129
WIND. A letter concerning the use which may be made of the following history of the weather		
<i>Plot</i>	XV 930	— 46
Observations of the wind, weather, and height of Mercury in the barometer, at Oxford	— 932	
— Extract of a letter concerning the causes of several winds	<i>Garden</i> — 1148	— 129
— An historical account of the trade winds, and monsoons, observable in the seas between and near the tropicks, with an attempt to assign the physical cause of the said winds	<i>Halley</i> XVI 153	— 153
— Part of a letter accompanying his observations of the height of the Mercury in the barometer, rains, winds, &c. for the year 1698	<i>Derham</i> XXI 45	— 73
— Observations of the weather made in a voyage to China, 1700	<i>Cunningham</i> XXIV 1639	
A register of the wind and weather at China, with the observations of the mercurial barometer at Chusan from Nov. 1700, to Jan. 1702	<i>Cunningham</i> — 1648	IV 2 26
— A prospect of the weather, winds, and height of the Mercury in the barometer on the first day of the month, and of the whole rain in every month in 1703, and beginning of 1704, at Townley in Lancashire	<i>Townley</i>	
And at Upminster	<i>Derham</i> — 1877	
— Tables of the barometrical altitudes at Zurich in Switzerland, in the year 1708, by Scheuhzer, and at Upminster in England, by Derham, as also the rain at Pisa in Italy in 1707, and 1708, by Tilli, and at Zurich in 1708, and at Upminster in all that time: with remarks on the same table, as also on the winds, heats, and cold, and divers other matters occurring in those three different parts of Europe	<i>Derham</i> XXVI 342	
— An account of an extraordinary stream of wind which shot through part of the parishes of Termonungam and Urney, in the county of Tyrone, Oct. 11, 1752	<i>Henry</i> XLVIII 1	
— Letters concerning the cause of the ascent of vapour and exhalation, and those of winds; and of the general phenomena of the weather and barometer	<i>Ecles</i> XLIX 124	

	Transf.	Abridg.
WIND. An experimental enquiry concerning the natural powers of water and wind to turn mills and other machines depending on a circular motion <i>Sauger</i>	LI 100	
— A letter containing a new manner of measuring the velocity of wind <i>Brice</i>	LVI 224	
— Observations on the state of air, winds, weather, &c. made at Prince of Wales's Fort on the north-west coast of Hudson's Bay in 1768, and 1769 <i>Dymond and Wales</i>	LX 137	
WIND GAGE. Description and use of a portable wind gage <i>Lind</i>	LXV 353	
WIND MACHINE. Observations on Mr. Sutton's invention to extract foul and stinking air out of ships, with critical remarks upon the use of wind sails <i>W. Watson</i>	XLII 62	VIII 630
— Of the degrees and quantities of wind requisite to move the heavier kinds of wind machines. <i>Stedman</i>	LXVII 493	
WINDPIPE. An account of grafts found in the wind pipes of some animals <i>Anon.</i>	I 100	II 869
— An account of a polypus coughed up by the windpipe <i>Sambor</i>	XXXIV 262	VII 503
— An account of some peculiar advantages in the structure of the asperæ arteriæ, or windpipes of several birds, and in the land tortoise <i>Parsons</i>	LVI 204	
WINDOWS. A dissertation on the antiquity of glass in windows <i>Nicoll</i>	L 601	
— See <i>Glass</i>		
WINDSOR LOAM. A letter concerning Windsor loam <i>Hill</i>	XLIV 458	X 605
WINE. Of the globules in the blood and in the dregs of wine <i>Leewenboeck</i>	XXXII 436	VII 562
— An account of the Tokay and other wines in Hungary <i>Douglas</i>	LXIII 292	
WINTER. Account of damage done in his garden by the preceding winter <i>Evelyn</i>	XIV 559	II 153
— An account of the lately invented stove for preserving plants in the green-house in winter <i>Callum</i>	XVII 191	— 750
WIRE. An account of the effect of electricity in shortening of wires <i>Nairn</i>	LXX 334	
WOLF. The history of the generations of an insect by him called the wolf; with some observations on insects bred in rain water, in apples, cheese, &c. <i>Leewenboeck</i>	XVIII 194	III 685 WOLF.

	Trans.	Abridg.
WOLF. An anatomical description of worms found in the kidneys of wolves - <i>Klein</i>	XXXVI 269	VII 456
WOMAN. An account of a woman who had a double matrix - <i>Vassal</i>	IV 969	III 205
— A letter concerning a woman of 62 years of age, that lost her leg and greatest part of her thigh by a gangrene - <i>Colep</i>	XXVI 41	V 389
— A letter containing the case of a woman who had her menses regularly to 70 years of age <i>Yonge</i>	XXVIII 236	— 360
— An account of what appeared on opening the big-bellied woman near Haman in Shropshire, who was supposed to have continued many years with child - <i>Hollings</i>	XXIX 452	— 293
— An account of an extrauterine foetus taken out of a woman that had continued five years and a half in the body - <i>Hunston</i>	XXXII 387	VII 355
— On the præternatural structure of the genital parts of a woman - <i>Huxham</i>	— 408	— 546
History of the same woman <i>Oliver</i>	— 413	— 548
— A letter concerning the præternatural structure of the pudenda in a woman <i>Bonnet</i>	XXXIII 142	— 551
— Two newly discovered arteries in woman going to the Ovaria - <i>Kanby</i>	XXXIV 159	— 541
— Account of a woman 63 years of age, who gave suck to two of her grand children <i>Stack</i>	XLI 140	IX. 206
— Case of one who had a foetus in her abdomen nine years - <i>Bramfield</i>	— 697	
— An abstract of the remarkable case of a woman from whom a foetus was extracted that had been lodged in one of the fallopian tubes 13 years <i>Munroe</i>	XLV 131	XI 101 2
— Extract of a letter containing the particulars of the cure of a wound in the cornea, and of a laceration of the uvea in the eye of a woman <i>Aery</i>	— 411	— 954
— Account of the remarkable alteration in the colour of a negro woman <i>Bate</i>	LI 759	
— Account of an extraordinary steatomatous tumour in the abdomen of a woman <i>Hanly</i>	LXI 131	
WOMB. Letter concerning the structure of the womb <i>Malpighius</i>	XIV 630	III 102
— An account of an uncommon case of a dropsy between the coats of the womb <i>Anon.</i>	XVIII 20	— 205
— Account of a puppy in the womb that received no nourishment by the mouth <i>Brad</i>	XXIV 2076	V 310

	Transf.	Abridg.
WOMBS. Account of a child's crying in the womb <i>Derham</i>	XXVI 485 — 487	V 310
— An account of a large bony substance found in the womb, 1733 <i>Hody</i>	XXXIX 189	IX 191
— Letter concerning the extirpation of an excres- cence from the womb <i>Burton</i>	XLVI 520	XI 1022
WOOD. Of a place in England, where, without pe- trifying water, wood is turned into stone <i>Boyle</i>	I 101	II 325
— Of the abundance of, found under ground in Lincolnshire <i>Anon</i>	V 2050	— 423
— An account of the appearance of several woods and their vessels <i>Leeuwenhoek</i>	XIII 197	III 684
— An extract of a letter containing several ob- servations on the texture of the bones of ani- mals compared with that of wood <i>Leeuwenhoek</i>	XVII 838	— 685
— Observations upon the vessels in several sorts of wood <i>Leeuwenhoek</i>	XXXI 134	VI 2 336
— An account of the poison wood tree in New England <i>Dudley</i>	— 145	— 307
— <i>Sberara</i>	— 147	— 308
— An account of a capricorn beetle found alive in a cavity within a sound piece of wood <i>Mortimer</i>	XLI 861	IX 11
— A short description of some high mountains on which are a great quantity of fossil wood <i>Hollman</i>	LI 506	
— The principal properties of the engine for turn- ing ovals in wood or metals, and of the instru- ments for drawing ovals upon paper, demon- strated <i>Ludlam</i>	LXX 378	
WOOD-PECKERS. A description of that curious natu- ral machine, the wood-pecker's tongue <i>Waller</i>	XXIX 509	V 55
WOOLLEN MANUFACTURE. An account of a balance of a new construction supposed to be of use in the woollen manufacture <i>Ludlam</i>	LV 205	
WORCESTER. See <i>Figures</i>		
WORMS. Observations about shining worms in oys- ters <i>Auxout</i>	I 203	III 826
— A relation of worms that eat out stones <i>De la Voie</i>	— 321	II 787
— Observations on several sorts of worms found in the guts <i>Lifter</i>	VIII 6060	III 119

WORMS.

	Transf.	Abridg.
WORMS, Extract of a letter concerning odd worms vomited by children - <i>Lifter</i>	X 391	III 135
— Relation of a worm voided by urine <i>Em</i>	XII 1009	— 135
— Microscopical observations about animals in the scurf of the teeth, the substance called worms in the nose, the cuticula of scales <i>Leeuwenhoek</i>	XIV 568	— 684
— A letter giving an account of the Connough worm - <i>Molyneux</i>	XV 876	II 758
— Lumbricus, hydropicus, or an essay to prove that hydatids often met with in morbid animal bodies, are a species of worms or imperfect animals - <i>Tyson</i>	XVII 506	III 133
— Letter concerning worms found in the tongue and other parts of the body, with the manner of extracting them - <i>Dent</i>	XVIII 219	— 137
Another letter confirming the same operation <i>Lewis</i>	— 222	— —
— Part of a letter from Fort St. George, in the East Indies, giving an account of the long worm which is troublesome to the inhabitants of those parts. - <i>Lifter</i>	XIX 417	— 138
— Letter concerning the worms in sheeps livers <i>Leeuwenhoek</i>	XXII 509	— 688
— Letter concerning worms pretended to be taken from the teeth - <i>Leeuwenhoek</i>	— 635	— 686
— Observations concerning the worms of human bodies - <i>Bonomi</i>	XXIII 1296	V 199
— Part of a letter concerning worms observed in sheeps livers, and pasture grounds <i>Leeuwenhoek</i>	XXIV 1522	V 2 226
— A letter concerning worms in the heads of sheep <i>Thorpe</i>	— 1800	V 16
— An anatomical description of worms found in the kidneys of wolves - <i>Klein</i>	XXXVI 269	VII 456
— A dissertation on the worms which destroy the piles on the coast of Holland and Zealand <i>Bafler</i>	XLI 276	IX 12
Part of a letter concerning some worms whose parts live after they have been cut asunder <i>Lord</i>	XLII 522	— 117
— A letter with some microscopical observations on the farina of the red lily, and of worms discovered in smutty corn <i>Needham</i>	— 634	VIII 816
— An account of worms in animal bodies <i>Nicholls</i>	XLIX 246	
— Case of a boy troubled with convulsive fits cured by the discharge of worms - <i>Orani</i>	L 518	Another

	Transf.	Abridg.
Another account - <i>Gaze</i>	L 521	
More observations - <i>Wal.</i>	— 836	
WORMS. Observations on various sorts of worms as well human as from horses - <i>Limbourg</i>	LVI 126	
WOUND, Account of a child born with a large wound in the breast supposed to proceed from the force of imagination <i>Cyprianus</i>	XIX 291	III 222
— A brief narrative of the shot of Dr Robert Fielding with a musket ball, and its strange manner of coming out of his head, where it had lain near thirty years, written by himself <i>Fielding</i>	XXVI 317	V 205
— An account of part of the colon hanging out of a wound for 14 years - <i>Kater</i>	XXXI 89	VII 515
— An essay upon the use of the bile in the animal oeconomy found on an observation of a wound in the gall bladder - <i>Stuart</i>	XXXVI 341	— 572
— Some observations on wounds in the guts <i>Amyand</i>	XXXIX 329	VIII 131
— An account of a wound which the late Lord Carpenter received at Brihuega, whereby a bullet remained near his gullet for a year wanting a few days - <i>Carpenter</i>	XL 316	
— The cure of a wound in the cornea of the eye cured by - <i>Thomas Baker</i>	XLI 133	IX 121
— A remarkable cure of a wound of the head complicated with a large fracture and depression of the skull, the dura mater and brain wounded and lacerated - <i>Cagua</i>	— 495	— 118
— Extract of a letter concerning the particulars of the cure of a wound in the cornea, and of a laceration of the uvea in the eye of a woman <i>Aery</i>	XLV 411	XI 954
— Case of a man wounded in the left eye by a small sword - <i>Geach</i>	LIII 234	
— An account of the successful application of sal. to wounds made by the bite of rattle snakes <i>Gale</i>	LV 244	
— An extraordinary cure of wounded intestines <i>Nourse</i>	LXVI 426	
WRITINGS. Copy of a letter concerning the books and antient writings dug out of the ruins of an edifice near the site of the old city of Herculaneum, to Monsignor Cerati of Pisa; with a translation by Mr. Locke - <i>Anon.</i>	XLIX 112	
— Extract of a letter concerning a supposed connection between the hieroglyphical writing of antient Egypt, and the characteristic writing which		

	Transf.	Abridg.
is in use at this day among the Chinese		
<i>Morton</i>	LIX 489	
WRITING. The elements of a short hand	<i>Jeake</i> XLV 345	XI 1381
Remarks on Mr. Jeake's plan for short-hand	<i>Byrom</i> — 388	— 1384
WRITTEN MOUNTAINS. A letter containing an account of his journey from Cairo in Egypt to the Written Mountains, in the Desart of Sinaj	<i>Montagu</i> LVI 40	
WROXETER. Two letters relating to Wroxeter in Shropshire	<i>Baxter</i> XXV 2228	
WIRTEMBERG ENGINE. See <i>Syphon</i>		

X.

XENOPHON. Letter concerning an eclipse mentioned by Xenophon	<i>Costard</i> XLVIII 155	
--	---------------------------	--

Y.

YARD. An account of a comparison lately made by some gentlemen of the Royal Society of the standard of a yard, and the several weights lately made for their use ; with the original standards of measures and weights in the Exchequer, and some others kept for public use, at Guildhall, Founders-hall, the Tower, &c.	<i>Graham</i> XLII 541	IX 491
— A problem for finding the year of the Julian period by a new and very easy method	<i>De Billy</i> I 324	III 398
YEW TREE. A letter concerning the farina fecundans of the yew tree	<i>Badcock</i> XLIV 189	X 757
YORK. Vide <i>Antiquities, Bas-Relief</i>		
YOUNES EBN. Translation of a passage in, with some remarks thereon	<i>Costard</i> LXVII 231	

Z.

	Transf.	Abridg.
ZANGARI AND BANDI, COUNTESS CORNELIA. An extract of an Italian treatise, written by Joseph Bianchini upon the death of the Countess Cornelia Zangari and Bandi of Cefena. <i>Roli</i>	XLIII 447	XI 1068
ZENITH. Some thoughts concerning the sun and moon, when near the horizon appearing larger than when in the zenith. <i>Logan</i>	XXXIX 404	VIII 377
ZETLAND. Two letters concerning the Islands of Zetland. <i>Preston</i>	XLIII 57	XI 1328
ZINC. On the use of an amalgam of zinc for the purpose of electrical excitation. <i>Higgins</i>	LXVIII 861	
ZIRCHNITZER SEA. An account concerning an uncommon lake, called the Zirchnitzer sea in Carniola. <i>Brown</i>	IV 1083.	II 306
— Some queries and answers concerning a strange lake in Carniola, called the Zirchnitz sea. <i>Brown</i>	IX 194	— 306
— A full and accurate description of the wonderful Lake of Zirknitz in Carniola. <i>Valvasor</i>	XVI 411	— 307
ZODIAC. The observations of the ancients concerning the obliquity of the Zodiac. <i>Bernard</i>	XLIV 721	I 260
— A letter containing a sketch of the signs of the zodiac, found in a Pagoda, near Cape Camorin in India. <i>Call</i>	LXII 353	
ZOOPHYTES. A dissertation on zoophytes. <i>Bafer</i>	LII 108	
— Letter on the animal nature of the genus of zoophytes called Corallina. <i>Ellis</i>	LVII 404	
ZOOPHYTON. A letter concerning a zoophyton somewhat resembling the flower of the marygold. <i>Hughes</i>	XLII 590	XI 111

A N
ALPHABETICAL INDEX
OF THE
W R I T E R S
IN THE
PHILOSOPHICAL TRANSACTIONS

A N

ALPHABETICAL INDEX

OF THE

W R I T E R S

IN THE

PHILOSOPHICAL TRANSACTIONS.

A.		Transf.	Abridg.
ADAMS, ARCHIBALD, M. D.	Account of a monstrous calf, and of some things observable in the human ear	XXV 2414	V 34
—	On the making of microscopes	XXVII 24	IV 303
ADEE, SWITHIN, M. D.	On the virtues of Jessop's Well	XLVI 451	X 574
—	On the agitation of the waters at Guilford, Nov. 1, 1755	XLIX 357	
AERY, THOMAS, M. D.	On the cure of a wound in the cornea of the eye, and of a laceration of the uvea	XLV 411	XI 954
AFFLECK, Captain.	On the agitation of the sea at Antigua, Nov. 1, 1755	XLIX 668	
AGLIONBY, WILLIAM.	Of the nature of silk as it is made in Piedmond	XXI 183	II 757
AIKIN, Rev. JOHN.	Bill of mortality of Warrington, 1773	LXIV 438	
AKENSIDE, MARK, M. D.	Observations on the lymphatic vessels of animals	L 322	

	Transf.	Abridg.
AKENSIDE, MARK, M. D. Account of a blow upon the heart, and its effects	LII 353	
ALCHORNE, STANESBY. Catalogue of fifty plants from Chelsea, 1770	LXI 390	
— 1771	LXIII 30	
— Examination of the ores in the Museum of Dr. Hunter	LXIX 529	
ALEMOOR, Lord. Observations on the transit of Venus, June 3. 1769, at Hawkhill	LIX 343	
ALEXANDER, J. Letter concerning a place at New York for measuring a degree of latitude	XLI 383	
— Experiments with camphire	LVII 65	
ALLEMAN DIDIER L'. Description of a celestial globe	XII 905	II 378
ALLEMAND, M. Account of the agitation of waters at Leyden, Nov. 1, 1755	XLIX 397	
— — Of the earthquake felt at Leyden, Leige, Maestricht, Nimeguen, and Arnheim, Dec. 26, 1755	— 512	
— — Of an earthquake felt in Holland, Feb. 18, 1756	— 545	
ALLEN, BENJAMIN. On the manner of generation of cels	XIX 664	— 837
— Account of the death-watch	XX 376	— 785
— — Of the gall-bee	— —	— —
ALLEN, THOMAS, M. D. Narrative of an hermaphrodite shewn in London	II 624	III 305
ALMOND, Rev. EDMUND. Account of the gigantic boy at Willingham, near Cambridge	XLIII 250	
ALSTON, CHARLES, M. D. On the property of quicklime	XLVII 265	
AMYAND, CLAUDIUS. Relation of an idiot at Ostend, and of two chirurgical cases	XXVI 170	V 204, 278
— Case of a stricture in the middle of the stomach of a girl, dividing it into two bags	XXXVII 258	VII 508
— — of a child born with the bowels hanging out of its belly	— 258	— 516
— — of a suppression of urine in a woman	— —	— 540
— — of the foramen ovale of the heart, being found open in an adult	XXXIX 172	IX 134
— — of an inguinal rupture, with a pin in the appendix coeci, incrusted with a stone; and some observations on wounds in the guts	— 329	— 153
— — Of an obstruction of the biliary ducts, and an imposthumation of the gall bladder	XL 317	VIII 503
— — of a bubonocoele, and the operation made upon it	— 361	IX 161
		AMYAND

	Transf.	Abridg.
AMYAND, CLAUDIUS. Observations on a fracture of the os humeri, by the power of the muscles only	XLIII 293	XI 1103
— Cafe of an iliac passion, occasioned by an appendix in the ilion	— 369	— 1066
— Observations on the spina ventosa	XLIV 193	— 1094
ANDERSON, WILLIAM. Account of a poisonous fish in the South Seas	LXVI 544	
— — of a large stone near Cape Town; with a letter from Sir William Hamilton on having seen some pieces of the said stone	LXVIII 102	
ANDRÉ St. Mr. — of an extraordinary effect of the colic	XXX 586	V 270
ANGESTEIN, Mr. — Some Swedish minerals sent to Mr. James Petiver	XXVIII 222	VI 2 286
ARBUTHNOT, JOHN, M. D. An argument for Divine Providence, from the constant regularity observed in the birth of both sexes	XXVII 186	V 2 240
ARDERON, WILLIAM. Account of a shuttle spire taken out of the bladder of a boy	XLIII 194	XI 951, 1006
— — of the sinking down of a piece of ground at Horsford, in Norfolk	— 527	X 587
— — of the weavers alarm, vulgo larum	— 555	XI 1392
— A description of a water-wheel for mills invented by Mr. Philip Williams	XLIV 1	X 247
— Account of keeping small fish in glass jars; and of an easy way of catching fish	— 23	XI 869
— Description of an improved hygroscope	— 95	X 453
— An improvement of the weather cord	— 169	—
— Description of an hygrometer made of a deal rod	— 184	— 454
— Account of a bristle that was lodged in a gentleman's foot	— 192	XI 1114
— Observations on the precipices and cliffs on the north east coast of Norfolk	— 275	X 589,
— — on the peculiar ascent of eels	— 395	592
— — on the bansticle or prickle back; and also on fish in general	— 424	XI 874
— On the white matter that floats about in the air in summer	— 428	— 872
— On the formation of pebbles	— 467	X 603
— On the hearing of fish	XLV 149	XI 880
— Account of the caverns in the Chalk Hills, near Norwich	— 244	X 593
— Observations on keeping fish in glasses	— 321	XI 871
— A representation of an halo, or mock-sun observed July 11, 1749	XLVI 196	— 1295

	Transf.	Abridg.
ARDERON, WILLIAM. Observations on the hot weather in July, 1750	XLVI 573	X 474
— Account of an explosion in the air, heard at Norwich, June 7, 1750	— 698	— 513
— Observations on the late severe and cold weather	XLVIII 507	
— Account of the agitation of the waters observed at Norwich, Nov. 1, 1755	XLIX 380	
— On giving magnetism and polarity to brads	L 774	
— The quantity of rain fallen in a foot square at Norwich each year, from 1750 to 1769	LIII 9	
AROMATARIUS, JOSEPH DE. On the generation of animals, and on the seeds of plants	XVIII 150	
ASCANIUS, PETER, M. D. Account of a mountain of iron ore at Taberg in Sweden	XLIX 30	
ASH, GEORGE, Bp. of Cloyne. A new and easy method of demonstrating some propositions in Euclid	XIV 672	I 7
— Observations on an eclipse of the sun, July 2, 1684	— 749	
— Account of a girl in Ireland who had several horns growing on her body	XV 1202	III 12
— A relation of an extraordinary effect of the power of imagination	XVI 334	
— Account of a meteor, or dew, resembling butter, that fell in Ireland	XIX 224	
— The effects of Mackenboy, or Tithimalus Hibernicus	XX 293	
— On the effects of imagination	— —	— 222
— Account of the sinking of a hill in Ireland	XXVIII 267	IV 2 250
ATKINSON, JOSEPH. Case of an imposthumation in the stomach	XXXII 80	VII 507
— Extraordinary case in surgery, of tumours	XXXIII 340	— 666
ATWELL, JOSEPH. Conjectures on the nature of intermitting and reciprocating springs	XXXVII 301	VI 2 177
— Observations on a man and woman bit by vipers	XXXIX 394	IX 63
AUBERT, ALEXANDER. Observations of the transit of Venus, June 3, 1769	LIX 378	
— A new method of finding time by equal altitudes	LXVI 92	
AUBRY, Mr. Account of a medicated spring in Glamorganshire	XIX 727	II 333
AUZOUT, M. ADRIAN. The motion of the late comet predicted	I 3	I 436
— The motion of the second comet predicted	— 36	— 438
— Judgment touching the apertures of object-glasses, and their proportions in respect to the several lengths of telescopes, with a table	— 55	— 191

	Transf.	Abridg.
AUZOUT, M. ADRIAN. Considerations upon Mr. Hook's new instrument for grinding of optick-glasses, with Mr. Hook's answer -	I 56	I 192
— Of a means to illuminate an object in what proportion one pleaseth, and of the distances requisite to burn objects by the sun -	— 68	-- 280
— A further account touching Sig. Campani's book and performances about object-glasses -	— 69	
— Sig. Campani's answer, and M. Auzout's animadversions thereon -	— 74	
— Speculations of the changes likely to be discovered in the earth and moon, by their respective inhabitants -	— 120	— 198
— Instance to Mr. Hook for communicating his contrivance of making, with a glass of a sphere of 20 or 40 feet diameter, a telescope, drawing several hundred feet, and his offer of recompensing that secret with another, teaching to measure, with a telescope, the distances of objects upon the earth -	— 122 — 203	III 826
— Observations about shining worms in oysters -		
— The reasons why, in the eclipse of the sun, July 2, 1666, the diameter of the moon did increase about the end -	— 373	I 217 — 194, 217 — 217
— A way for taking the diameter of planets -	— —	
— A way for knowing the parallax of the moon -	— —	
— An observation concerning the declination of the magnet, made at Rome about the beginning of 1670 -	V 1184	II 608
AYLETT, GEORGE, (Surgeon). An observation of the spina bifida -	XLIII 10	XI 1093

B.

B. D. On the present declination of the magnetic needle, and on the tides -	III 726	II 607
B. Sir R. On the Giants Causeway in Ireland -	XVIII 708	— 511
B. R. On the incalcescence of quicksilver with gold -	X 515	— 580
— On a new sort of calash -	XV 1028	I 504
BABIN, JACQUES PAUL. On the flux of the Euripus -	VI 2153	II 289

	Transf.	Abridg.
BACON, VINCENT, (Surgeon). Case of a man poisoned by eating monk's-hood, or napellus -	XXXVIII 287	VIII 842
BADCOCK, R. Microscopical observations on the farina fecundans of the holyoak, and the passion flower -	XLIV 150	X 753
— Further observations and experiments on the passion flower, and its farina -	— 166	— 756
— On the farina fecundans of the yew tree -	— 189	— 757
BADENACH, JAMES, M. D. A technical description of an uncommon bird from Malacca -	LXII 1	
BAILEY, —. An account of a very large stone found in the colon of a Horse; and of several stones which were taken from the intestines of a mare; with some experiments and observations thereupon -	XLIV 296	XI 905
BAILLEY, M. A proposal for some new methods of improving the theory of Jupiter's satellites -	LXIII 185	
BAKER, DAVID ERSKINE. Account of a tripas and inscription found near Turin, serving to discover the true situation of the city Industria -	XLIII 540	— 1240
— On water efts slipping off their skins -	XLIV 529	— 857
— Account of two extraordinary belemnites -	XLV 598	X 639
— — of a dwarf -	XLVI 467	XI 1207
— — of an earthquake felt at York, April 19, 1754 -	XLVIII 564	
BAKER, HENRY. Experiments and observations on a beetle that lived three years without food -	XLI 441	IX 8
— Discovery of a perfect plant in semine -	— 448	VIII 806
— Account of Mr. Leeuwenhoek's microscopes -	— 503	— 121
— On the jelly of black currants curing inflammations in the throat -	— 655	— 838
— Account of Margaret Cutting, who speaks though she has lost her tongue -	XLII 143	
— Observations on the mouths of the eels in vinegar, and also a strange aquatic animal -	— 416	IX 38
— Observations on a polype dried -	— 616	— 36
— Account of the eye-sucker -	XLIII 35	XI 800
— Method of procuring the true impression or figure of medals, &c. -	— 77	— 1339
— Account of a large fossil tooth of an elephant -	— 331	X 599
— — of the ancient Bridewell at Norwich -	— 520	XI 1304
— A description of a curious echinites -	XLIV 432	X 634
— — of some clay moulds, or concaves, of ancient Roman coins found in Shopshire -	— 557	XI 1320
— Account of the grubbs that destroy the grafs in Norfolk -	— 576	— 821
— On the Russian fish called Quabb, and the stones called Crabs Eyes -	XLV 174	— 876
		BAKER,

	Transf.	Abridg.
BAKER, HENRY. Medical experiments of electricity	XLV 270	X 404
— Account of the present condition of the Roman camp at Caistor, in Norfolk	XLVI 196	XI 1295
— of an halo, or mock sun, observed July 11, 1749	— —	— —
— Observations on the minuteness of some seeds of plants	— 336	— —
— on the Aurora Borealis lately seen	— 499	X 485
— Account of the earthquake at London, Feb. 8, 1749-50	— 601	— 489
— at Winborn, in Dorsetshire, May 4, 1749	— 689	— 512
— at Taunton, in Somersetshire, July 11, 1747	— —	— —
— of a fire ball seen in the air, July 22, 1750	XLVII 3	— —
— of some uncommon fossil bodies	XLVIII 117	— —
— Supplement to M. Crusio's account of a distempered skin	XLIX 12	— —
— Effects of Opuntia, or prickly-pear, and of the indigo plants in colouring the juices of living animals	L 296	— —
— On giving magnetism and polarity to brass	— 777	— —
— Account of the sea polypus	— —	— —
— of a stony concretion taken from the colon of a horse	LI 694	— —
— Case of Mr. Butler of Moscow, who was strangely affected by mixing verdigres and false leaf gold with aquafortis	LIV 15	— —
— Report concerning the microscope glasses, sent as a present to the Royal Society, from father Di Torre	LVI 67	— —
BAKER, THOMAS. Case of a wound in the cornea	XLI 135	IX 121
BALDWIN, CHRISTIANUS ADOLPHUS. Account of a factitious stony matter or paste shining in the dark like a glowing coal	XI 788	— —
BALGUY, CHARLES, M. D. Account of the dead bodies of a man and woman which were preserved 49 years in the Moors of Derbyshire	XXXVIII 413	VIII 706
BALL, WILLIAM. A way of preserving ice and snow by chaffe	I 139	III 240
— An observation not long since made in England of Saturn	— 152	I 365
BALLARD, —. On the magnetism of drills	XX 417	— —
BANISTER, JOHN. On the natural productions of Jamaica	XVII 667	II 822
— With an additional note	— 691	III 631
		II 786

	Transf.	Abridg.
BANISTER, JOHN. Observations concerning insects in Virginia, with remarks by J. Petiver	XXII 807	V 183
BANYER, HENRY, M. D. Two cases, one of an extraordinary Hæmorrhage, the other of an acites, cured by tapping	XLII 628	IX 151, 192
— Against empiricism	— 633	
BARBER, THOMAS. Account of the agitation of the water, at Yarmouth, Nov. 1, 1755	XLIX 380	
BARBOSA, JOH. MENDESIO SACHETTI. Lunæ defectus Elbis observatus, die 27-28 Martii, 1755	— 265	
BARHAM, HENRY. Relation of a fiery meteor seen in Jamaica, with remarks on the weather, earthquakes, &c. of that island	XXX 837	IV 2 131
— On the production of silk worms, and their silk in England	— 1036	V 19
BARKER, ROBERT. Account of a catoptrick microscope	XXXIX 259	VIII 120
BARKER, Sir ROBERT. Thermometrical observations at Allahabad, in the East Indies, Lat. 35° 30' during the year 1767, and in a voyage from Madras to England, 1774	LXV 202	
— The process of making ice in the East Indies	— 252	
— Account of the Bramins observatory at Benares	LXVII 598	
BARKER, THOMAS. Account of a meteor seen in the county of Rutland, which resembled a water spout	XLVI 248	X 479
— On the return of the comet expected in 1757, or 1758	XLIX 347	
— On the mutations of the stars	LI 498	
— Account of a remarkable Halo, May 20, 1737	LII 3	
— Observations on the quantities of rain fallen at Lyndon, in Rutland, for several years	LXI 221	
— A second letter on the same subject, with observations for determining the latitude of Stamford, in Lincolnshire	— 227	
— Register of the barometer, thermometer, and rain at Lyndon, in 1771	LXII 42	
— 1772	LXIII 221	
— 1773	LXIV 202	
— 1774	LXV 199	
— 1775	LXVI 370	
— 1776	LXVII 350	
— 1777	LXVIII 554	
— 1778	LXIX 547	
— 1779	LXX 474	

	Transf.	Abridg.
BARLOW, REV. WILLIAM. On the mola salu or sun fish, and the glue made of it -	XLI 343	IX 73
— Account of the analogy betwixt English weights and measures of capacity -	— 457	— 488
— — of an antient date in Arabian figures on the church of Rumsey in Hampshire -	— 562	— 254, 432
— Observations made at Plymouth, on an earthquake, Feb. 8, 1749-50 -	XLVI 692	
BERNARD, WILLIAM. Of an explosion in a coal-pit -	LXIII 217	
— Method for the removal of ships that have been driven on shore and damaged in their bottoms -	LXX 100	
BARR, —. Journal of the weather at Montreal from Dec. 14, 1776, to March 31, 1777 -	LXVIII 559	
— — from Dec. 1778, to April 1779 -	LXX 272	
BARRELL, REV. EDMUND. Account of two northern auroras observed at Sutton and H pe, in Kent; Feb. 5, 1716-17, and March 30, 1716 -	XXX 584	IV 2 153
— On the propagation of Mistleto -	XXXIV 21	VI - 348
— Account of a shock of an earthquake felt at Sutton, in August, 1727 -	XXXV 305	— - 200
— On the difference of sex in mistleto -	— 547	— - 251
BARRINGTON, HON. DAINES. Letter on some particular fish, found in Wales -	LVII 204	
— An investigation of the difference between the present temperature of the air in Italy, and some other countries, to what it was seventeen centuries ago -	LVIII 58	
— On the trees, which are supposed to be indigenous in Great Britain -	LIX 23	
— Account of a very remarkable young musician -	LX 54	
— Letter concerning chestnut trees -	LXI 167	
— Account of a mole from North America -	— 292	
— Some experiments made in North Wales, to ascertain the different quantities of rain, which fell at the same time at different heights -	— 294	
— Investigation of the specific character which distinguishes the rabbit from the hare -	LXII 4	
— On the periodical appearing and disappearing of birds -	— 265	
— Account of a fossil lately found near Christ-Church, in Hampshire -	LXIII 171	
— Observations on the lagopus or ptarmigan -	— 224	
— Experiments and observations on the singing of birds -	— 249	
— Of the Gillaroo trout -	LXIV 116	
BARROW, ISAAC, D. D. Dissertation on the festerium -	XVI 384	III 531
		BARROW,

	Transf.	Abridg.
BARROW, Rev. Mr. Births, burials, and number of inhabitants at Stoke Damerell, in Devonshire	XXXIX 171	IX 325
BARTHOLIN ERASMUS. Experiments made on a chrytal-like body, sent from Iceland	V 2039	
BARTHOLINI, CASPAR. Observations on the salivary duct	XIV 749	III 58
BARTRAM, JOHN. On a cluster of small teeth observed at the root of each fang of a rattle snake	XLI 358	IX 60
— Observations on the salt marsh muscle, the oyster banks, and the fresh water muscle of Pennsylvania	XLIII 157	XI 860
— — on curious wasp nests made of clay in Pennsylvania	— 363	— 847
— Description of the great black wasp from Pennsylvania	XLVI 278	— 848
— — of the dragon fly, or libella of Pennsylvania	— 323	— 845
— Further account of the libella, or May flies	— 400	— 846
— Account of an aurora borealis observed at Philadelphia, Nov. 12, 1757	LII 474	
BASTARD, WILLIAM. On the culture of pine apple	LXVII 649	
BASTAR, JOB, M. D. On the worms which destroy the piles on the coasts of Holland and Zealand	XLI 276	IX 12
— Observations on an infant born with a bag full of water hanging from the os sacrum, to the ankles, and on a singular hydrocephalus	XLII 277	— 235
— On a monstrous foetus without any mark of sex	XLVI 479	XI 1208
— Observations on the corallines, polypus's, and other sea animals	L 258	
— A dissertation on Zoophytes	LV 108	
BATES, JAMES, M. D. On the alteration in the colour of negro woman	LI 759	
BATES, THOMAS. Account of the contagious disease amongst the milch cows, near London, 1714, and of the methods taken for suppressing it	XXX 872	V 48
BAXTER, WILLIAM. On the strange effects from eating Dog-mercury	XVII 875	II 640
— Two letters relating to Wroxeter in Shropshire, and the hypocausta of the ancients	XXV 2228	
BAYER, Rev. THOMAS. Some improvement in logarithms	LIII 269	
— Essay towards solving a problem in the doctrine of chances	— 370	
BAYLE. Relation of a child that remained 26 years in the mother's belly	XII 979	III 127

	Transf.	Abridg.
BAYLEY, EDWARD, M. D. Account of a shock of an earthquake felt at Havant, Oct. 25, 1734	XXXIX 362	VIII 690
BAYLEY, JOEL. Astronomical observations at the North-Cape - - -	LIX 262	
— Observation on the transit of Venus, June 3, 1769, at the North Cap: - -	— 266	
— — at Lewestown in Pennsylvania - -	— 414	
BAYLY, GEORGE, M. D. On the use of the bark in the small pox - - -	XLVII 27	
BAYNARD, EDWARD, M. D. The probable cause of the pain in rheumatisms, and a cure of a total suppression of urine - -	XIX 19	III 148, 265
— Case of a child who swallowed two copper farthings - - -	XX 424	— 92
BEALE, J. D. D. An experiment to examine what figure or celerity of motion begetteth or increaseth light and flame - -	I 126	— 639
— Observations touching putrefaction - -	— 320	— 149
— Promiscuous observations made in Somersetshire (of places on moors parched up in the shape of trees, under which oak trees are found: of a pond to which pigeons resort, but cattle will not drink at it, and the method of taking eels in frosty weather) - -	— 323	II 323, 423, 837
— Further account of the pond, with some particulars touching waters - -	— 359	— 332
— Account of some sanative waters in Herefordshire - -	I 358	— —
— Some proposals to try the effects of the pneumatick engine exhausted on plants, seeds, and the eggs of silk worms - -	II 424	— 656
— Communication about vegetation - -	III 853	— 676
— Instances shewing the correspondence of the pith and timber, with the seed of the plant, as also of the bark or sap in the bark, with the pulp of the fruit, or some encompassing coat or cod containing the seed - -	IV 919	— 710
— Observations concerning the baroscope and thermoscope - -	— 1113	— 5, 32
— Causes of mineral springs inquired, and the strange and secret changes of liquors examined - -	VI 1131	— 712
— Instances, hints, and applications relating to a main point solicited in the preface to this fourth volume, concerning the use may be made of vaults, deep wells and cold conservatories, to find out the cause, or to promote the generation of salt, minerals, metals, crystal, gems, stones of divers kinds, and helps to conserve		

	Transl.	Abridg.
long, or to hasten, putrefaction, fertility of any kind of land, &c.		II 363
BEALE, J. D. D. Reflections relating to medical springs, vol. IV. 1050, considered, with an account of some such springs in England and other places, specifying how terrestrial steams may be the generative cause of minerals and metals, and of all the peculiarities of springs	IV 1135	— 728
— Some considerations of what choice of apples for the delicacy of the liquor in peculiar seasons, and for easy and speedy propagation: pears for some lands proper, their choice for manifold uses, especially for pleasant, or for lasting liquor: and how to be planted and ordered to the best advantage	V 1154	— 332 — 833
— Considerations on an apiary	VI 2144	— 653
— Some considerations on Mr. Reed's letter, shewing in what sense the sap may be said to descend and to circulate in plants; and the graft to communicate with the stock	— —	— 653 — 655 — 690
— On the best season for transplanting	— —	— 655
— An account of a strange frost which hath done much hurt about Bristol	VII 5138	— 150
— Some inquiries and suggestions concerning salt for domestique uses; and concerning sheep, to preserve them, and to improve the race of sheep for hardiness, and for the finest drapery	IX 48	— 912
— Advertisements occasioned by the remarks printed in vol. X, 305, upon frosts in some parts of Scotland, differing in their anniversary seasons and force, from our ordinary frosts in England; of black winds and tempests; of the warm and fertilizing temperature and steams of the earth, stones, rocks, springs, waters, (some, in some places, more than others, in other places) of petrifying and metallizing waters; with some hints for the horti-culture of Scotland	X 357	— 151, 396, 741,
— Observation on the Vinetum Britannicum	XI 583	744, 749
— Two instances of something remarkable in shining flesh	— 599	III 644
— Agrestic observations and advertisements	XII 816	II 744
— Hortulan and rural advertisements	— 846	— 745
BEARD, R. M. D. Account of a person killed by lightning at Worcester	XXXIV 118	VI 2 72
— of a large stone voided through the urinary parts of a woman	— 211	VII 534

	Transf.	Abridg.
BEAUCHAMP, LORD. Account of a fire ball seen in the air, and of an explosion heard, Dec. 11, 1741, near London -	XLI 870	VIII 523
BEAUMONT, JOHN. On rock plants, and their growth -	XI 724	II 497,
— Further account of some rock plants of Mendip Hills -	XIII 276	519
— A new method of cleaving rocks -	XV 854	— 503
BECCARIA, JOHN BAPTIST. Experiments in electricity -	LI 514	— 368
— On the double refractions in crystals -	LII 486	
— New experiments in electricity -	LVI 105	
— On the electrical atmosphere -	LVII 297	
— On a new phosphorus receiving several colours and only emitting the same -	LX 277	
BECKE, DAVID VAN DER. Principles and causes of the volatilization of salt of tartar, and other fixed salts -	LXI 212	
BECKETT, WILLIAM. On the antiquity of the venereal disease -	VIII 5185	III 320
— Answer to the objection to his history of the venereal disease -	XXX 839	IV 329
— On the difference of the height of the human body in the morning, and in the evening -	XXXI 108	VII 663
BECKMAN, JOHN CHRISTOPHER. On the osteocolla, and other observables near Francfort on the Oder -	XXXIII 89	
BEESTON, Sir WILLIAM. Observations on the barometer at Jamaica -	III 771	II 148,
— — on an hot bath in Jamaica -	XIX 225	461, 603
BEHM, MICHAEL. Account of some chymical, medicinal, and anatomical particulars -	— —	— 9
BEIGHTON, HENRY. A description of the water works at London Bridge -	III 650	— 344
— The imperfections of the common barometers, and the improvement made in them by Charles Orme, with some observations, remarks, and rules for their use -	XXXVII 5	III 84,
— Collections from the diary of the weather and barometer, in order to settle rules for foretelling the weather by the barometer -	XL 248	351
— A new plotting table, for taking plans and maps in surveying, invented in 1721 -	— 259	VI 358
BELCHER, Mrs. On an extraordinary motion of the waters in the lake Ontario -	XLI 747	VIII 455
	XLIX 544	— 228

	Transf.	Abridg.
BELCHIER, JOHN. A remarkable case of a gentle- woman who died of an hydrops Ovarii	XXXVII 279	VII 544
— An account of the bones of animals being changed to a red colour by aliment only	XXXIX 287	IX 102
— Account of a man whose arm with the shoulder bone was torn off by a mill	— 299	— 103
BELLERS, FETTYPLACE. Description of the strata of earth in a coal-pit at Dudley, Staffordshire	XL 313	— 266
BELIUS, MATTHEW. On the brass waters of Nifol, commonly called Cement Wazter, changing iron to brass	XXVII 541	IV 2 181
— Account of two extraordinary caves, the one of ice, the other throwing out noxious exhalations	— 351	VIII 645
BELL, GEORGE. Case of William Payne, with what appeared upon examining his kidney and blad- der	XL1 41	— 662
BELLINI, LAURENCE. Account of some anatomical engagements	XLII 54	IX 177
BENEVOLI, ANTONIO. Two observations upon the cataract of the eye	V 2093	I 366
BENT, THOMAS. The way of making pitch, tar, rosin, and turpentine, near Marfeilles	XXXII 192	VII 489
BENT, JAMES. Account of a woman enjoying the use of her right arm after the head of the os humeri was cut away	XX 291	
BENTINCK, WILLIAM. On the fresh water poly- pus	LXIV 353	
BENVENUTI. Observations on a man surprisngly recovered from a fever	XLII ii	IX 22
— Account of an extraordinary large head	LVIII 189	
BERGIUS, PETER JONES. Description and figure of the croton spicatum, a new species of plant, from America	— 190	
— of the nyctanthes elongata, a new Indian plant	— 132	
— of a rare American plant of the brownææ kind, with some remarks on this genus	LXI 289	
BERGMAN, THORBERN. Letter to Mr. B. Wilson concerning electricity	LXIII 173	
— Observations on the transit of Venus, June 6, 1761, made at Upsal in Sweden	LI 907	
— Observations on an aurora borealis, made in Sweden	LII 227	
— Observations in electricity, and on a thunder storm	— 479	
— Experiments in electricity	LIII 97	
	LIV 84	

	Transf.	Abridg.
BERGMAN, THORBERN. On the electrical nature of Tourmalin - - -	LVI 326	
BERKLEY, EDWARD. Observations on the eruptions of fire and smoak from Mount Vesuvius	XXX 708	IV 2 209
BERKLEY, GEORGE, Bishop of Cloyne. On the Petrefaction of Lough Neagh -	XLIV 305	X 316
BERNARD, CHARLES The longitudes, latitudes, right ascensions, and declinations of the chiefest fixed stars according to the best observers	XIV 567	
— Observations of the ancients concerning the obliquity of the zodiac - -	— 721	I 260
— — made at Oxford on the solar eclipse, July 2, 1684 - -	— 747	— 294
— Account of two large stones lodged in the meatus urinarius, and from thence cut out	XIX 250	III 153
BERNARD, WILLIAM. — of the explosion of the air in a coal pit - -	LXIII 217	
BERNOULLI, NICHOLAS. A solution of the 15th problem of D. de Moivre in his treatise "de Mensura Sortis" - -	XXIX 133	V 2 255
BETTS, Rev. JOSEPH. Observations on the late comet, made at Sherborn and Oxford, with the elements for computing its motions	XLIII 91	X 1
BEVAN, SYLVANUS. Case of the bones of a woman growing soft and flexible -	XLII 488	IX 251
BEURER, JOHN AMBROSE. On the nature of amber	— 322	VIII 734
— Inquiry concerning the stone osteocolla	XLIII 373	X 602
BEVIS, JOHN, M. D. Observations on an eclipse of the moon, March, 15, 1735-6, at Covent garden - -	XL 16	
— — on the moon's transit by Aldebaran, made at London, April 3, 1736 -	— 90	VIII 133
— — On the eclipse of the moon, Sept. 8, 1736 - -	— 93	
— — On the solar eclipse, Sept. 23, 1736, at London - -	— 98	— 139
— — On the occultation of Mars by the moon, Oct. 7, 1736, at London -	— 101	
— — On the solar eclipse, Feb. 18, 1736-7, at Greenwich - -	— 176	
— — of Mercury eclipsed by Venus, observed at Greenwich, May 17, 1737 -	— 394	— 207
— — of a luminous appearance in the sky seen at London, March 13, 1734-5	XLI 347	— 517, 670
— — of an occultation of Jupiter and his satellites by the moon, Oct. 28, 1740	— 647	— 184

	Transf.	Abridg.
BEVIS, JOHN. Observations of a transit of Mercury over Venus, May 17, 1737, made at Greenwich	XLI 630	
— — on the transit of Mercury over the sun, Oct. 31, 1736	XLII 622	VIII 198
— — concerning Mercury	XLIII 48	X 104
— — on an occultation of Jupiter by the moon, June 6, 1744	— 65	— 95
— — on an occultation of Cor Leonis by the moon, March 12, 1747	XLIV 455	— 110
— — on an eclipse of the sun, July 14, 1748	XLV 521	— 68
— — on an eclipse of the moon, Dec. 2, 1750	XLVI 575	— 94
— — on an occultation of the planet Venus by the moon, April 16, 1751	XLVII 159	
— Extracts from the astronomical observations made at Pekin, 1744-7 by the Jesuits	— 376	
— On Mr. Gascoigne's micrometer	XLVIII 190	
— Astronomical observations	— 301	
— Account of the comet of May, 1759	LI 93	
— Observations on an eclipse of the moon, May 8, 1762	LII 543	
— — on an eclipse of the sun, April 1, 1764	LIV 105	
— — on an eclipse of the moon, March 17, 1764	— 107	
— Astronomical observations made at Vienna	LV 130	
— Observations on the cold of 1740, and 1768	LVIII 54	
— Observation on the transit of Venus and the eclipse of the sun, June 3 and 4, 1769	LIX 189	
BEWICK, BENJAMIN. Observations on the earthquake at Lisbon, Nov. 1, 1755, made at Cadiz	XLIX 424	
BIANCHINI, FRANCIS. Observation of the occultation of the star at the north end of the bull's horn, under the moon, Nov. 21, 1713	XXIX 88	IV 302
— — on the comet of 1723, at Albani	XXXIII 51	VI 266
— Observationes aliquot circum-jovialium habitæ, anno 1724	XXXIV 176	— 238
— — on the eclipse of the moon, Oct. 21, 1725, made at Rome	— 179	— 194
— — on the eclipses of Jupiter's satellites made at Rome and other places	XXXVI 35	
BIDDLE, OWEN. Observations on the transit of Venus, June 3, 1769, made at Lewestown in Pennsylvania	LIX 414	
BILLS, LOUYS DE. On the use of the lymphatic vessels	III 791	III 262

	Transf.	Abridg.
BILLS, LOUVS DE. A problem for finding the year of the Julian period by a new and very easy method	I 324	III 398
BIORNIUS PAUL. An answer to some philosophical enquiries concerning Iceland	IX 238	— 609
BIRBECK, CHRISTOPHER. Case of a woman who voided the greatest part of a fœtus by the navel	XXII 1000	V 305
BIRCH, SAMPSON. Account of an extraordinary birth in Staffordshire	XIII 281	III 221
BIRCH, THOMAS, D. D. The inscription upon a Roman altar found near Stanhope, in the Bishoprick of Durham	XLV 173	XI 1272
— Account of an earthquake felt at London, March 8, 1749-50	XLVI 615	X 496
— Additional remark on the Abbé Nollet's letter on electricity	XLVIII 484	
— Account of an agitation of the waters of Peerlefs Pool, London, Nov. 1, 1755	XLIX 362	
— of the black affize at Oxford, 1577	L 702	
BIRD, Mr. A way of preparing a liquor that shall sink into and colour the whole body of marble; causing a picture drawn on the surface to appear also in the inmost parts of the stone	I 125	I 603
BIRD, —. New experiments on the proportion of English and French measures	LVIII 326	
BLACK, JOSEPH, M. D. On the effect of boiling upon water in disposing it to freeze more readily	LXV 124	
BLAGDEN, CHARLES, M. D. Experiments and observations in an heated room	— 111, 484	
BLAIR, JOHN, L. L. D. On the agitation of the waters at Reading, Nov. 1, 1755	XLIX 367	
— at Swanzey, Nov. 1, 1755	— 379	
BLAIR, PATRICK, M. D. Osteographia elephantina, or a full and exact description of all the bones of an elephant, with their several dimensions, to which are premised an historical account of the natural endowments and several wonderful performances of elephants, with the manner of taking and taming them; and an anatomical account of its parts, &c.	XXVII 53	
A continuation	— 117	V 82
— Account of the asbestus or lapis amiantus found in the Highlands of Scotland	— 434	IV 2 285
— The dissection of a child	XXX 631	V 275
— A description of the organ of hearing in the ele-		

phant,

	Transf.	Abridg.
phant, with the figures and situation of the offices, labyrinth, and cochlea, in the ear of that animal	XXX 885	V 82
BLAIR, PATRICK, M. D. Copy of an affidavit of a boy's living a considerable time without food	XXXI 28	VII 668
— Method of discovering the virtues of plants by their external structure	— 30	VI 2 362
— On the generation of plants	— 216	— - 345
BLAKE, FRANCIS. On the best proportion for steam engine cylinders, of a given content	XLVII 379	
— Spherical trigonometry reduced to plain	— 441	
— On the greatest effect of engines, with uniformly accelerated motions	LI 1	
— Account of a lunar eclipse, Oct. 11, 1772, observed at Canton	LXIV 46	
BLISS, NATHANIEL. Observations on the transit of Venus over the sun June 6, 1761, taken at Greenwich	LII 173	
— at Oxford	— 232	
— on the eclipse of the sun, April 1, 1764, made at Oxford	LIV 141	
BLIZARD, WILLIAM. A new method of treating the fistula lachrymalis	LXX 239	
BLON, JAMES CHRISTOPHER LE. On the principles of printing in imitation of painting	XXXVII 101	VI 469
BLONDEAU. Remarks on the principal paintings found at Herculaneum	XLVI 14	XI 1307
BOBART, JACOB. On the effects of the great frost on trees and other plants in 1683, drawn from the answer to some queries sent into divers countries by R. Plott, and from several observations made at Oxford	XIV 766	H 155, 751 III 684
BODDINGTON, BENJAMIN. Account of Margaret Cutting, who speaks though she has lost her tongue	XLII 143	
BODDINGTON, JOHN. Account of some bones found in the rock at Gibraltar, with remarks by Dr. Hunter	LX 414	
BOERHAAVE, HERMAN. Experiments on quick-silver	XXXVIII 145 XXXIX 344 — 368	VIII 709 — 717 — 725
BON, ——. On the usefulness of the silk of spiders	XXVII 2	V 21
BONAJUTUS, VINCENT. Account of the earthquakes in Sicily, Jan. 9 and 11, 1692, 3	XVIII 2	II 406
BONAVERT. Account of a stone bred at the root of the tongue and causing a quinsy	X 440	III 156

	Transl.	Abridg.
BOND, HENRY. On the variation of the variation of the magnetic compass, &c.	VIII 6065	I 587
BOND, JOHN, M. D. Account of a machine for killing whales	XLVII 429	
— Experiments on the copper springs at Wicklow in Ireland	XLVIII 181	
BONES, Rev. JOHN. Case of mortifications of limbs in a family at Wattisham in Suffolk	LII 526	
— Second account	— 529	
BONFA, R. P. Observations of the eclipse of Jupiter by the moon, March 31, 1686	XVI 176	— 363
BONGLARUS, VAUCLIVS DATHIRIUS. Testis examinatus	III 843	III 191
BONNET, CHARLES. New observations upon insects	XLII 458	IX 39
— Experiments of planting seeds in moss	XLV 156	X 795
— Abstract of his memoirs concerning caterpillars	— 300	IX 831
— On the success of inoculation at Geneva	XLVIII 818	
BONNET, JOHN. On the præter-natural structure of the pudenda in a woman	XXXIII 142	VII 551
BONOMO, —. M. D. On the worms of human bodies	XXIII 1296	V 199
BORASSAW, —. Account of the falls of the river Niagara	XXXII 69	VI 2 173
BORELLI. A sure and easy way of making telescopic glasses	XI 691	I 195
— The price of his telescopes	XII 1005	— —
BORLASE, Rev. WILLIAM. The origin and properties of Cornish diamonds	XI.VI 250	X 642
— On the alterations of the islands of Scilly	XLVIII 55	
— Account of a thunder storm in Cornwall, Dec. 20, 1752	— 86	
— On the agitation of the water at Mount's Bay, Nov. 1, 1755	XLIX 373	
— Account of trees discovered under ground at Mount's Bay	L 51	
— Account of an earthquake felt in the west parts of Cornwall, July 15, 1757	— 499	
— of some antiquities found in Cornwall	LI 13	
— of an agitation of the waters in Mount's bay, March 31, 1761	LII 418	
— — at Mount's-bay, Falmouth, Fowey, and Plymouth, July 28, 1761, and of two thunder storms, Jan. 11, 1762	— 507	
— of the rain fallen in Cornwall in 1762	LIII 27	
— the mild weather in Cornwall, in the winter of 1762	— —	

	Transf.	Abridg.
BORLASE, Rev. WILLIAM. Account of the rain and weather in June and July 1763, in Cornwall	LIV 59	
— of the native tin found in Cornwall	LVI 35	
— Meteorological observations at Ludgvan, 1767	LVIII 89	
— Account of a specimen of native tin found in Cornwall	LIX 47	
— Meteorological observations at Ludgvan 1769	LX 230	
— — — 1770	LXI 195	
— — — 1771	LXII 365	
BOSCOVICH, ABBÉ. On the next transit of Venus	LI 865	
— Account of a new megameter and micrometer	LXVII 789	
BOSE, PROFESSOR. Letter on electricity	XLIII 419	X 277
— On the electricity of glass that has been exposed to a strong fire	XLVI 189	— 329
— Reflection on the medals of Pescennius Niger	— 452	— 1314
— Observation on a total eclipse of the moon June 19, 1750, made at Wirtemberg	— 570	— 92
— Account of a viscous slime	XLVIII 358	
BOTTARIUS, JOHN. Observations on an eclipse of the Moon, Dec. 1, 1732, made at Rome	XXXVIII 85	VIII 161
BOURGUIGNON, —. Of an island thrown up near the island of Santerini	XXVI 200	V 2 197
BOURRIOT, —. Account of the Abbé Chappé's observations of the transit of Venus, made in California	LX 551	
BOURZES, Father. Of the luminous appearance in the wake of ships in the Indian seas	XXVIII 230	— 213
BOWDITCH, SAMUEL. Account of a woman who lay six days covered with snow	— 265	V [358]
BOWER, THOMAS, M. D. Of an extraordinary wen cut off the cheek	XXX 713	V 217
BOWLES, WILLIAM. Observations on the mines of Spain and Germany	LVI 229	
BOWMAN, —. Account of an earthquake felt March 14, 1749-50, at East Molesey	XLVI 684	X 209
BOYLE, Hon. ROBERT. Experimental history of cold	I 8	
— Account of a monstrous calf	— 10	II 899
— On the monstrous head of a colt	— 85	
— Of a place in England where, without petrifying water, wood is turned into stone	— 101	— 325
— Of milk found in the veins instead of blood	— 100	— 869
— Further account of the white blood	— 117	III 239
— Observations upon the barometer	— 163	II 4
— Observations about Jupiter	— 171	I 400
— Account of an earthquake near Oxford, June 19, 1665	— 179	II 395

	Transf.	Abridg.
BOYLE, HON. ROBERT. Observations on the barometer	I 181	II 5, 8
— General heads for a natural history of a country	— 186	III 361
— A way of preserving birds taken out of the shells, and other small foetus's	— 199	— 650
— Account of a new statical baroscope	— 231	II 28
— A new frigorific experiment	— 255	— 161
— Inquiries touching the sea	— 315	— 297
— Method of transfusing blood	— 342	
— Trials of transfusing blood proposed	— 353	III 226
— Inquiries concerning mines	— 385	
— A confirmation of the experiments of Sig. Fracassati, of injecting acid liquors into the blood	II 551	— 232
— Experiments on the relation between light and air, in shining wood, and fish	— 581	II 206
— On the difference between a burning coal and shining wood	— 605	III 646
— An invention for estimating the weight of water with ordinary balances and weights	IV 1001	I 520
— New pneumatical observations about respiration	V 2011	II 215
— On the lasting of ducks in an exhausted receivers	— —	— —
— The phenomena afforded by vipers in an exhausted receiver	V 2012	
— — — by frogs	— 2015	— 523
— — — by newly kittened kitlings	— 2017	
— Trials about the air harboured and concealed in the pores of water	— 2018	
— Phenomena afforded by shell fishes in an exhausted receiver	— 2023	I 304
— — — by scale fish	— 2024	
— Account of two animals with wounds in the abdomen, included in the exhausted receiver	— 2026	
— Of the motion of the separated heart of a cold animal in the exhausted receiver	— 2027	I 250
— A comparison of the times by which animals may be killed by drowning or withdrawing the air	— 2028	II 490
— Of the incidents which happen to animals in air brought to a considerable degree of respiration, but not near the utmost rarefaction	— 2036	— 225
— Experiments on respiration upon very high mountains	— 2038	
— Observations on an animal in changes of air as to rarity and density	— 2039	— 121, 225

	Transf.	Abridg.
BOYLE, Hon. ROBERT. An unsuccessful attempt to prevent the necessity of respiration, by the production or growth of animals in a vacuum	V 2040	
— Experiments on the expansion of animal juices	— 2043	
— On the power of assuefaction to enable animals to hold out in air by rarefaction made unfit for respiration	— 2045	
— Experiments shewing that air become unfit for respiration may retain its wonted pressure	— 2046	
— On the use of air to elevate the steams of bodies	— 2048	II 297
— On the long existence of a leach in the vacuum	— 2049	III 147
— Experiments on creeping insects in the vacuum	— 2051	II 463
— Phenomena of winged insects in the vacuum	— 2053	
— On the necessity of air to the motion of ants and mites	— 2054	
— Observations on shining fish	VII 5108	III 641
— On the effect of the varying weight of the atmosphere upon some bodies in water	— 5156	II 204
— On ambergris and its being a vegetable production	VIII 6113	— 492
— Method to prevent the rot in sheep	— 7002	
— On two sorts of helmontian laudanum	IX 147	— 642
— Conjectures on the bladders of air in fishes	X 310	— 846
— Description and use of a new essay instrument	— 329	I 516
— Letter on the essay instrument	— 353	— 520
— On the weakened spring, and some unobserved effects of the air	— 467	II 235
— On the superficial figures of fluids	XI 775, 799	I 526, 531
— Account of a strangely self-moving liquor	XV 1188	III 367
— Account of making phosphorus	XVII 583	— 346
— Way of examining waters as to freshness or saltness	— 627	II 298
BOYLSTON, —, M.D. On ambergris found in whales	XXXIII 193	VII 423
BRADLEY, Rev. JAMES. On the motion of the sap in vegetables	XXIX 486	IV 2 302 V 267
— Microscopical observations on vegetation, and on the quick propagation of mouldiness on a melon	— 490	IV 2 308
— Observations on the comet of 1703	XXXIII 41	VI 259
— The longitude of Lisbon, and of the Fort of New York from Wansted and London determined by the eclipse of the first satellite of Jupiter	XXXIV 85	V 412
— An account of a new discovered motion of the fixed stars	XXXV 637	IV 149
— On the going of clocks with isochronal pendulums	XXXVIII 302	VII 238

BRADLEY,

	Transf.	Abridg.
BRADLEY, Rev. JAMES. Observations on the comet of 1736-7, made at Oxford	XL 111	VIII 210
— on the apparent motion of the fixed stars	XLV 1	X 32
— on the occultation of Venus by the moon, April 15, 1751	XLVI 201	
— On the comet of 1757, at Greenwich	L 408	
— Directions for using the common micrometer	LXII 46	
BRADY, SAMUEL. Account of a puppy in the womb that received no nourishment from the mouth	XXIV 2176	V 34 [353]
BRADY, T. M. D. Account of some insects of the polype kind	XLIX 248	
— Account of a bone found in the pelvis of a man at Brussels	LI 660	
BREINTAL, J. Account of what he felt on being bit by a rattle-snake	XLIV 147	XI 856
BRAIKENRIDGE, Rev. WILLIAM. Method of describing curves	XXXIX 25	VIII 58
— On the number of inhabitants within the bills of mortality of London	XLVIII 788	
— Method of constructing a table for the probabilities of life in London	XLIX 167	
— On the number of people in England	— 268	
— On the increase of the people in Britain and Ireland	— 877	
— Answer to Forster's account of the number and increase of the people of England	L 465	
— On the sections of a solid, hitherto not considered by geometers	LI 446	
BRANDER, GUSTAVUS. On belemnites	XLVIII 803	
— On a remarkable echinus	XLIX 295	
— The effects of lightning in the Danish church, Well-close-square	— 298	
BRATTLE, THOMAS. Two eclipses of the sun, June 12, 1692, and Nov. 27, 1703, observed at Cambridge, near Bolton, New England	XXIV 1630	IV 247 249
— Eclipse of the moon, April 5, 1707, observed at Bolton, in New England	XXV 2471	— 271
BREINTNALL, JOSEPH. Observations on some meteors seen at Philadelphia	XLI 359	VIII 518
BREMOND, M. DE. Account of a file rendered magnetic by lightning	— 614	— 506
BREWER, JAMES, M. D. — of beds of oyster-shells found near Reading, Berkshire	XXII 484	

	Transf.	Abridg.
BREYNIUS, JOH. PHIL. Account of some remarkable plants and insects found in Spain	XXIV 2045	V 10
— Observations in a journey through Italy, begun 1703	XXVII 447	V 2 136
— of the Scythian vegetable lamb, called Borametz	XXXIII 353	VI 2 317
— of a piece of amber, with the leaf of a plant impressed on it	XXXIV 154	— - 232
— Amendments in the account of the generation of the coccus radicum tinctorius, given in his natural history of that insect	XXXVII 444	VII 476
— Observations on some Mammoth's bones dug up in Siberia, proving them to have belonged to the elephant	XL 124	IX 87
— On stones in the stomach and guts, which proceeded from the immoderate use of crab-stones, and other absorbent earths	XLI 557	— 171
BRICE, ALEXANDER. Account of a comet seen April 9, 1766	LVI 66	
— A new manner of measuring the velocity of wind	— 224	
— An experiment to ascertain to what quantity of water a fall of snow is equal	— —	
BOWLES, WILLIAM. Observations on the country and mines of Germany and Spain	— 229	
BRIDGMAN, ORLANDO. Account of a storm of thunder and lightning at Ipswich, July 16, 1708	XXVI 137	IV 2 128
BRIGGS, WILLIAM. A discourse about vision, with an examination of some late objections	XIII 171	
— Two remarkable cases in vision	XIV 559	III 38
— Philosophic solution of a case of a young man who grew blind in the evening	— 804	— 39
BROCKLESBY, RICHARD, M. D. On the Indian poison	XLIV 408	X 1224
— On the sounds and hearing of fish	XLV 233	XI 883
— On a poisonous root lately found among gentian	— 240	X 772
— Experiments on the sensibility and irritability of the several parts of animals	XLIX 240	
BRODIE, JAMES. Account of a fœtus voided by the ulcerated navel of a negro, in Nevis	XIX 580	III 219
BROMFIELD, WILLIAM. Case of a woman who had a fœtus in her abdomen for nine years	XLI 607	IX 191
BROOKE, RICHARD. On inoculation	XLVII 470	
— Thermometrical account of the weather in Maryland, for one year from Sept. 1753	LI 58	
		BROOKE,

	Transf.	Abridg.
BROOKE, RICHARD. Thermometrical account of the weather in Maryland for three years from Sept. 1754	LI 70	
BROTHERTON, THOMAS. Observations and experiments on the growth of trees	XVI 307	II 707
BROUNKER, Lord. The squaring of the hyperbola, by an infinite series of rational numbers, together with its demonstration	III 645	I 10
— On the proportion of a curve line of a paraboloid to a straight line, and of the finding a straight line equal to that of a cycloid	VIII 6149	— 116
BROWN, EDWARD, M. D. Of two parheliæ or mock suns, seen in Hungary, Jan. 30, 1668	IV 953	II 186
— On the damps in the mines of Hungary	— 965	— 373
— Relation of the quicksilver mines of Friuli	— 1080	— 579
— Account of the Zirchnitzer sea in Carniola	— 1083	— 306
— — of the copper mine of Hern Ground in Hungary	V 1042	— 562
— — of the stone quarries and talc rocks in Hungary	— 1044	— 339
— On the mines, minerals, baths, &c. in Hungary	— 1189	III 605 II 523 585 III 304, 631
— Queries and answers concerning the Zirchnitzer sea	IX 194	II 306
BROWN, JOHN. Account of a liver appearing glandulous to the eye	XV 1266	III 83
— On the quantity of refin in the cortex eleutherius	XXXII 81	VII 738
— Observations and experiments on the Epsom salts	— 348	— 729
— Further observations on the Epsom salts	— 372	— 732
— Observations and experiments on the Prussian blue	XXXIII 17	— 748
— Account of camphire	— 361	— 697
BROWN, Rev. LITTLETON. Description of a water insect found in Kent	XL 153	IX 7
— On the success of inoculation at Salisbury	XLVII 570	
— Description of the exocætus volitans, or flying fish	LXVIII 791	
BROWNING, JOHN. On the effect of electricity on vegetables	XLIV 373	X 342
— Account of a dwarf	XLVII 278	
— On the number of people at Bristol	XLVIII 217	
BROWNRIGG, WILLIAM, M. D. Thoughts on Dr. Hale's method of distillation	XLIX 534	

BROWN.

	Transl.	Abridg.
BROWNRIGG, WILLIAM, M. D. Enquiries into the mineral elastic spirit or air contained in the Spa water; as well as into the medicinal qualities of this spirit	LV 218	
— An extract of an essay, intituled, "On the Uses of a Knowledge of Mineral Exhalations when applied to discover the Principles and Properties of Mineral Waters, the Nature of Burning Fountains, and of those poisonous Lakes which the Ancients called Avernus"	— 236	
— An experimental enquiry concerning the nature of the mineral elastic spirit or air, contained in the Pouhon-water, and other acidulæ	LXIV 357	
— On the stilling of the waves by oil	— 445	
— On some specimens of native salt	— 481	
BRUCKMAN, ERNEST. Account of the Imperial salt works of Soowar in Upper Hungary	XXXVI 260	VI 2 233
BRUCE, JAMES. Observations upon Myrrh made in Abyssinia	LXV 408	
BRUNI, JOS. LAWRENCE, M. D. Account of the Bologna bottles	XLIII 272	XI 1343
— An account of what happened at Bergemolotto, by the tumbling down of vast heaps of snow from the mountains there, on March 19, 1755, and several persons taken out alive after being buried under the snow to April 24	XLIX 796	
— An account of the hot baths of Vinadio, in the province of Coni, in Piedmont	LI 839	
— Account of the weather at Turin, 1759	— —	
BRYDONE, PATRICK. Instance of a palsy cured by electricity	L 392	
— Effects of electricity in the cure of some diseases	— 695	
— New electrical experiments	LXIII 163	
— Account of a fiery meteor seen Feb. 10, 1772, in the shire of Berwick	— —	
BUCKLY, —. Account of a China cabinet	XX 390	II 252
BUFFON, M. —. On the re-invention of Archimedes's burning specula	XLV 504	X 195
BUGDEN, JOHN. A remarkable conformation of the urinary parts	XXXVI 138	VII 540
BUGGE, THOMAS. A new theory of the pile-engine	LXIX 120	
BULKLEY, SIR RICHARD. On the Giants Causeway in Ireland	XVII 708	II 511
— On the improvements to be made in maize	— 938	— 634

BULKLEY,

	Transf.	Abridg.
BULKLEY, Sir RICHARD. On the propagation of elms by seed - - -	XVII 971	II 667
BULKLEY, EDWARD. Account of some animals sent from Fort St. George - -	XXII 859	
BULLIALDUS, M. —. Observations of the star called Nebulosa, in the girdle of Andromeda, and of the wondrous star in the neck of the whale - - -	II 459	I 251
— Observations on the eclipse of the moon, Sept. 8, 1671, at Paris - - -	VI 2272	
— Observations on the eclipse of the moon, Jan. 1, 1674-5, at Paris - - -	IX 238	— 308
— Observations on the eclipse of the moon, June 26, 1675 - - -	X 372	— 315
— Observations on the occultation of Saturn by the moon, Feb. 7, 1678 - -	XII 969	— 353
— Observations on an eclipse of the sun, July 2, 1684, at Paris - - -	XIV 693	— 292
BULLOCK, WILLIAM, D. D. An account of the earthquake, Nov. 1, 1755, as felt in the lead mines in Derbyshire - -	XLIX 398	
BULTEEL, JOHN. A new way, by an English manufacture, to preserve the hulls of ships from the worm, &c. better for sailing, and more cheap and durable, than any sheathing or graving hitherto used - -	VIII 6192	— 596
BURMAN, E. J. Observations on an aurora borealis, Sept. 20, 1717, seen at Upsal - -	XXXIII 175	VI 2 84.
BURGOS, ALESSANDRO. Account of the late earthquake in Sicily - - -	XVII 830	II 401
BURNET, WILLIAM. On the Icy Mountains in Switzerland - - -	XXVI 316	
— Observations on the eclipse of the first satellite of Jupiter, in 1723, made at New York - -	XXXIII 162	VI 409.
— Account of a double-bodied child - - -	L 315	
BURNEY, CHARLES, Mus. D. Account of an infant musician - - -	XLIX 183	
BURROUGH, JAMES. On a boulimia - - -	XXII 598	III 111.
— On an eclipse of the moon, Oct. 10, 1725, made at Bristol - - -	XXXIV 37	VI 196
BURROW, JAMES. Account of an earthquake, Mar. 8, 1749-50, as seen in the Temple Garden by Robert Shaw (a sensible Scotchman) - - -	XLVI 626	X 499
— — at Southwark, from Mr. Boyfield's information - - -	— 637	— 503

	Transf.	Abridg.
BURROW, JAMES. Account of an earthquake felt at East Sheen, Mar. 18, 19, 1749-50	XLVI 655	X 509
— — — felt Sept. 30, 1750, at St. Edmund's Bury, in Suffolk, and at Narborough, in Leicestershire	— 702	— 514
— — — An account of an earthquake felt at Lingfield, in Surrey, and Edenbridge, in Kent, Jan. 24, 1758	L 614	
BURTON, JOHN. Case of the Extirpation of an excrescence from the womb	XLVI 520	XI 1022
BURTON, WILLIAM, M. D. On the viper catchers, and their remedy for the bite of a viper	XXXIX 312	
— — — Two histories of internal cancers	XLII 99	IX 225
— — — On the situation of the Roman station of Delgovitia, in Yorkshire	XLIV 541	XI 1246
BURY, Dr. ARTHUR. On the manuring of land in Devonshire with sea sand	XXVI 142	IV 2 301
BUSSIERE, PAUL. An account of an egg found in the tuba fallopiana of a woman lately dissected; with several remarks touching generation	XVIII 11	III 211
— — — An account of the new way of cutting for the stone, by the hermit, with his opinion of it	XXI 100	— 185
— — — Anatomical account of a child's head born without a brain	— 141	— 26
— — — Account of a substance coughed up resembling the vessels of the lungs	XXII 545	— 68
— — — of a triple bladder	— 752	V 289
— — — Anatomical description of the heart of the American land tortoise	XXVII 170	— 74
BUTTERFIELD, — — — Letter about the making of microscopes with very small and single glasses, and of some other instruments	XII 1026	I 127 — 208
— — — On magnetical sand	XX 336	II 577
BYAM, FRANCIS. An account of the impression on a stone dug up in the island of Antigua, and the quantity of rain water fallen there for four years, 1751—1754	XLIX 295	
BYRD, WILLIAM. An account of a negro-boy that is dappled in several parts of his body with white spots	XIX 781	— 8
BYRES, JAMES. Account of the heat of the summer in 1768, observed at Rome	LVIII 337	
BYROM, JOHN, M. D. Remarks on Mr. Jeake's plan for short-hand	XLV 388	XI 1384
— — — Remarks on Mr. Lodwick's alphabet	— 401	— 1386

C.

	Transf.	Abridg.
C. J. On the specific gravities of various bodies	XVII 649	I 524
— A paper about magnetism, or concerning the changing and fixing the polarity of a piece of iron	XVIII 257 XLI 495	II 603 IX 118
CAGUA, JOHN. A cure of a wound of the head	LI 635	
CAILLE, Abbé DE LA. Observations on the comet seen at Paris in February, 1760	LII 21 & 26	
— A series of observations to be made at St. Helena for discovering the parallax of the moon	XXXIV 150	VI 104
CALANDRINI, JOH. LUDOV. An account of an aurora borealis seen at Geneva, Oct. 8, 1726	XXVI 41	V 389
CALEP, RA. Case of a woman that lost her leg, and greatest part of her thigh, by a gangrene	LXII 353	
CALL, JOHN. A sketch of the signs of the zodiac, found in a pagoda near Fort Camorin, in India	XXI 2 — 88	II 646 — 649
CAMELLI, GEORGE. Description and figure of the true amomum, or tugus, of the Philippines	XXIII 1065	V 183
— Account of the virtues of the Faba S. Ignatii	— 1394	—
— Account of the animals in the Philippine Islands	XXIV 1591	IV 2 278
— Observations on the birds of the Philippines	— 1707,	
— Treatise on amber	1763. 1809, 1816	— 325
— Account of the plants sent from the Philippines to James Petiver	— 2085	V 185
— Account of the fish and crustaceous animals of the Philippines	XXV 2197	
— — of the quadrupeds in the Philippines	— 2241	
— — of the animals in the Philippines	— 2266	— 183
— — of the serpents, monsters, and monstrous productions of the Philippines	— 2397	V 2 18
— — of some turbinated, bivalve, and univalve shells from the Philippines	XXVI 241	— 185
— — of the animals of the Philippines	XXVII 310	— 183
— — of some spiders from the Philippines		—
CAMERON, THOMAS, M. D. Account of the death of Dr. Greene, from a hurt in riding	XLIV 609	XI 1112
CAMILLIS, JOH. FR. DE. History of the disease of which Joseph Bolognini died	XLIII 40	— 1059
CAMPANI, JOSEPH. Account of an improvement of optick-glasses	I 2	I 193

	Transf.	Abridg.
CAMPANI, JOSEPH. Answer to Mr. Auzout's observations on object-glasses	I 74	
— Contest with M. Divini about optick-glasses	— 209	I 193
— Account of a comet seen at Rome, June 30. 1684	XV 920	— 451
— — of the asbestus and the manner of spinning and making cloth of it	XXII 911	IV 2 282
— Observations on the spot Plato in the moon, Aug. 16, 1725.	XXXIV 181	VI 220
CAMPBELL, COLIN. Method of determining the number of impossible roots in adfectet equations	XXXV 515	— 9
— Observations on the going of a clock at Blackwater, in Jamaica	XXXVIII 302	VII 238
CAMPBELL, ROBERT. Account of a man who lived eighteen years on water	XLII 240	IX 238
CAMPER, PETER, M. D. Account of the organs of speech of the Orang Outang	LXIX 139	
CANE, HENRY. On the change of colour in grapes and in jessamine	XXXI 102	VI 2 340
CANTON, JOHN, A. M. Method of making artificial magnets, without the use of natural ones	XLVII 31	
— Attempt to account for some of the phenomena of electrical experiments, together with observations on thunder clouds	XLVIII 350	
— New electrical experiments	— 780	
— An attempt to account for the regular diurnal variation of the horizontal magnetic needle, and also for its irregular variation at the time of an aurora borealis	LI 398	
— Observations on the transit of Venus, June 6, 1761, made in Spital-Square, London	LII 182	
— Remarks on Mr. Delaval's electrical experiments	— 457	
— Experiments to prove that water is not compressible	— 640	
— Experiments and observations on the compressibility of water and other fluids	LIV 261	
— Observations on the heat of the waters at Bath and Bristol	LVII 203	
— An easy method of making phosphorus	LVIII 337	
— Observations on the transit of Venus, June 3, 1769	LIX 192	
— Experiments to prove that the luminousness of the sea arises from the putrefaction of its animal substances	— 446	

	Transl.	Abridg.
CANTWELL, ANDREW, M. D. Account of a large glandular tumour in the pelvis; and of the pernicious effects of crude Mercury given inwardly	XL 139	IX 184
— On an uncommon palsy in the eye-lids	— 311	— 121
— Account of a monstrous boy	XLII 137	— 314
— — of a monstrous child born of a woman under sentence of transportation	— 341	— 313
— — of the success of M. Daviell's method of extracting cataracts	LII 519	
CAPASSO, DOMINICO. Observations of the eclipse of the moon, Nov. 1, 1724, at Lisbon	XXXIII 180	VI 191
— — on the immersions and emersions of the innermost satellites of Jupiter, 1723, 1724, at Lisbon	— 185	
CARBONE, JOH. BAPT. Observations on the comet of 1723, made at Lisbon	— 51	— 266
— — of the eclipse of the moon, Nov. 1, 1724, at Lisbon	— 180	— 191
— Observations on the immersions and emersions of the innermost satellites of Jupiter in 1723, 1724, at Lisbon	— 185	
— The difference of the meridians of Lisbon, Paris, and London	— 186	— 410
— A comparison of observations made at London and Paris	— 187	VII 680
— Astronomical observations made at Lisbon, 1725, 1726	XXXIV 90	V 240
— Observations on the elevation of the pole at Lisbon	— 92	
— — on the meridian height of the sun, in order to investigate the elevation of the pole at Lisbon	— 95	
— — on an eclipse of the sun, Sept. 25, 1726, made at Lisbon	XXXV 335	VI 174
— — on an eclipse of the moon, Oct. 10, 1726, at Lisbon	— 338	— 196
— Astronomical observations made at Lisbon in 1726	— 408	— 241
— — in 1727	— 471	— 177
— Observations on an eclipse of the moon, Feb. 2, 1729, at Rome and Paris	XXXVI 170	— 202
— — on an eclipse of the moon, Feb. 2, 1730, at Lisbon	— 363	— 213
CARLIOS, Dr. Copies of some Roman inscriptions at Tunis, in Africa	LIII 211	

	Transf.	Abridg.
CARLISLE, GEORGE, M. D. Account of an uncommon large hernia	LVI 133	
CARLYLE, ———. Meteorological observations made at Carlisle in 1767	LVIII 83	
CARNÈRE, Rev. PET. ls. Observations on the comet of 1743, made at Vienna	XLII 457	VIII 216
CARPENTER, Lord. Account of a bullet which lay in his gullet for near a year	XL 316	
CARTE, Rev. SAMUEL. Account of an ancient tessellated or Mosaic work at Leicester	XXVII 324	
CARTERET, PHILIP. On the inhabitants of the coast of Patagonia	LX 20	
—— On the camelopardalis found about the Cape of Good Hope	— 27	
CASSANO, Prince of. Account of the eruption of Vesuvius in May, 1737	XLI 237	— 670
—— Observations on the red lights seen in the air at Naples, Dec. 5, 1737	— 583	
CASSINI, Jo. Dom. Observations on a permanent spot in Jupiter	I 143	I 383, 400
—— on the revolution of Mars	— 242	
—— on several spots in the planet Venus, lately discovered at Bononia	II 615	— 425
—— on the comet of 1668	III 683	— 438
—— Predictions of the eclipses of Jupiter's satellites in 1671	VI 2238	
—— Account of some spots in the sun, observed at Paris in August, 1671	— 2238,	
—— of the return of a great permanent spot in the planet Jupiter	2250, 3020	— 275
—— Observations of a new comet, made at Paris	VII 4039	I 382, 400
—— Reflections on the observations	— 4042	— 440
—— A discovery of two new planets about Saturn, made at Paris	— 4048	
—— Thoughts on Mr. Hooke's observations for proving the motion of the earth	VIII 5178	— 367
—— Account of the eclipse of the moon, Jan. 11, 1675, at Paris	LX 90	
—— Observations on the eclipse of the moon, June 26, 1675, compared with those made at London	X 257, 390	— 308
—— on Mr. Flamsteed's account of the lunar eclipse, Dec. 21, 1675	— 388	— 315
—— Account of an occultation of a fixed star by the moon, Feb. 29	XI 561	— 317
—— Observations on the eclipse of the sun, June 11, 1676, at Paris	— 564	— 349
	— 664	— 287

CASSINI,

	Transf.	Abridg.
CASSINI, JO. DOM. Advertisement to astronomers about the configuration of the satellites of Jupiter for 1696 and 1697	XI 681	I 409
— Remarkable observations on Saturn	— 689	— 367
— Observations on a spot lately seen in the sun	— —	— 279
— New observations on the two planets about Saturn	XII 831	— 368
— Observations on the comet of April and May, 1677, made at Paris	— 868	— 443
— — on the eclipse of the moon, Oct. 29, 1678, made at Paris	— 1015	— 320
— — on the eclipse of the sun, June 2, 1684, made at Paris	XIV 693	— 292
— — on the eclipse of the sun, July 12, 1684, at Paris	— 715	— —
— Account of the two new satellites of Saturn	XVI 79	— 369
— Observations on the eclipse of Jupiter by the moon, March 31, 1686, at Paris	— 175	— 363
— Corrections of the theory of the five satellites of Saturn	— 299	— 376
— Tables for the eclipses of the first satellite of Jupiter	XVIII 237	— 409
— Observations on the eclipse of the moon, Oct. 19, 1697, at Rotterdam	XX 15	— 301, — 340, — 427, — 569
— Astronomical observations at China	— 371	— 569
— Corrected tables of the motion of the five satellites of Saturn	XXX 776	IV 323
CASTAGNA, MAR. ANT. Of a substance found in some mines of Italy, out of which a kind of incombustible substance, both skin, paper, and candlewick is made	VI 2167	II 548
— Observations and experiments concerning a mineral balsam found in the mines of Italy	— 3059	— 460
CASTILIONEUS, JOH. Of a cardioide curve, a figure by him so called	XLI 778	VIII 108
— A demonstration of the polynomium of Sir Isaac Newton	XLII 91	— 10
CASTRO, DR. DE. An account of an iliac passion, from a pally in the large intestines	XLVII 123	—
CASTRO SARMENTO, JACCBUS DE. Astronomical observations made at Paraguay, from 1706 to 1730	XLV 667	X 118
CASWEL, —. The quadrature of a portion of the epicycloid	XIX 113.	I 31
— Account of his new invented baroscope	XXIV 1597	IV 2 6

	Transl.	Abridg.
CAT, CLAUDE NICHOLAS, M. D. On the foramen ovale, being found open in the hearts of adults, and on the figure of the canal of the urethra	XLf 68r	IX 134, 186
— Observations on the hydatides, and consequences of an incomplete hernia, and on the functions of the intestines exposed to sight	— 712	— 189
— Description of a machine for dressing and curing unweildy patients	XLII 364	— 272
— The ambe of Hippocrates rectified	— 387	— 257
— On the operation of cutting for the stone	XLIII 391	XI 976
— An observation of an operation made by the high apparatus according to M. le Cat's method, in the year 1743, from the French by Philip Henry Zollman		— 995
— Account of double foetus's of calves	XLIV 175	1216
— Account of glasses, of a new contrivance, for preserving pieces of anatomy, or natural history in spirituous liquors	XLV 497	— 1216
— Addition	XLVI 6	— 1349
— On the cure of dry gangrenes, together with a new invented instrument for the extirpation of tumours out of the reach of the surgeon's fingers	— 88	—
— The operation of lithotomy on women	— 72	— 1084
— On the lacrymæ bataviæ, or glass drops; the tempering of steel, and effervescence, accounted for by the same principle	— 97	— 975
— A new trocart for the puncture in the hydrocephalus, and for other evacuations which are necessary to be made at different times	— 175	X 560
— Observations on fungous excrescences of the bladder; a cutting forceps for extirpating these excrescences; and a canula for treating these diseases	XLVII 267	
— Several cases of hernias and disorders of the urethra	— 292	
— Letter concerning the dissection of a rupture	— 324	
— An account of those malignant fevers, that raged at Rouen, at the end of the year 1753, and the beginning of 1754	— 341	
— An account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking	XLIX 4 9	

	Transf.	Abridg.
place; and which may also be of service in fractures happening near the head of that bone		
CAT, CLAUDE NIALE, M. D. An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver, nor kidneys	LVI 270	
— An account of an hydro-enterocele appearing like a hydro-sarcocele, and ending in the death of the patient, in which the intestine had passed from the hernial sac, into that of the hydrocele, by which the strangulation was formed	LVII 1	
CATESBY, MARK. Account of birds of passage	— 293	
CATLYN, JOHN. A synopsis of the calculation of the transit of Mercury over the disk of the sun, Oct. 25, 1748	XLIV 435	XI 886
— Eclipse of the moon, June 3, 1750, observed in London	XLII 235	VIII 204
CAUMONT, Marquis, DE. Account of a very extraordinary stone, or calculus, taken out of the body of a man after death	XLVI 523	X 92
CAVALLO, TIBERIUS. Extraordinary electricity of the atmosphere observed at Ilington, in October, 1775	XL 369	IX 172
— New electrical experiments	LXVI 407	
— New electrical experiments and observations, with an improvement of Mr. Canton's electrometer	LXVII 48	
— New experiments in electricity, with the description and use of two new electrical instruments	— 388	
— Thermometrical experiments and observations	LXX 15	
CAVE, —. Account of an earthquake felt in Northamptonshire, Sept. 30, 1750	— 587	
CAVENDISH, Lord CHARLES. Thermometers for particular uses described	XLVI 705	X 515
CAVENDISH, Hon. HENRY. Experiments on factitious air	L 300	
— Experiments on Rathbone-place water	LVI 141	
— An attempt to explain some of the principal phenomena of electricity, by means of an elastic fluid	LVII 92	
— On pointed conductors	LXI 584	
— Some attempts to imitate the effects of the torpedo by electricity	LXII 66	
	LXVI 196	

	Transf.	Abridg.
CAVENDISH, HON. HENRY. Account of the meteorological instruments used at the Royal Society's house	LXVI 375	
CAVERHILL, JOHN. Some attempts to ascertain the utmost extent of the knowledge of the ancients in the East Indies	LVII 155	
CAY, —, M. D. Observations on some mineral waters	XX 365 XXI 81	II 505
— On the virtues of the ostracites	XXXII 75	VI 467
CAY, ROBERT. Account of the manner of bending planks in His Majesty's Yard, at Deptford	LXIX 207	
CAZAUD, the Marquis of. The method of cultivating the sugar cane	LXX 318	
— Knowledge necessary to judge of any kind of sugar-mills	XXXIII 313 XXXIX 241	VI 2 48 VII 548
CELSIUS, ANDREW. An experiment made in a silver mine at Sala on the ascent of Mercury in the barometer	XL 7	IX 408
— Observations on the aurora borealis at London	— 15 XLI 92	V:II 165 — 154
— An explanation of the Runic characters of Hel- singland		
— Observations on an eclipse of the moon, March 15, 1735-6		
— Aug. 4, 1738, at Upsal		
CERF, M. LE. Account of advantages of a newly invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers, and wheel and pinion	LXVIII 950 XXI 42	II 789
CESTONE, D'IACINTO. On the generation of fleas		
CHAI. A short account of the manner of inoculat- ing the small-pox on the coast of Barbary and at Bengal, in the East Indies	LVIII 128	
CHALMERS, —. Account of an extraordinary fire- ball bursting at sea	XLVI 366	X 480
CHAMBERLAYNE, JOHN. A relation of the effects of a storm of thunder and lightning at Samp- ford Courtney, in Devonshire, on October 7, 1711	XXVII 528	
— Remarks upon the plague at Copenhagen, in 1710	XXVIII 279	V 381
— Account of the sunk island in the Humber, some some years since recovered from the sea	XXX 1014	IV 2 251
CHAMBERS, CHARLES. Observations on the earth- quake of Lisbon, Nov. 1, 1755, made at Ma- deira	XLIX 435	

	Transf.	Abridg.
CHANDLER, JOHN. Case of a woman who had an extraordinary tumour on her thigh	XLI 365	IX 236
CHANNING, J. A description of three substances mentioned by the Arabian physicians, in a paper sent from Aleppo, and translated from the Arabic	LVII 21	
CHAPMAN, Capt. WILLIAM. An account of distilling water fresh from sea-water by wood-ashes	L 635	
— of the fossil bones of an alligator found on the sea shore near Whitby, in Yorkshire	— 688	
CHARLETT, ARTHUR, D. D. Account of a colliery that took fire, and was blown up, near Newcastle, killing 69 persons, on August 18, 1708	XXVI 215	IV 2 206
CHAZELLES, —. Account of an eclipse of the sun, May 12, 1706, at Marseilles	XXV 2244	IV 253
CHESELDEN, WILLIAM. The dimensions of some human bones of an extraordinary size, which were dug up near St. Alban's, in Hertfordshire	XXVII 436	V 2 267
— Some anatomical observations	XXVIII 281	— 74
— Observations made by a young gentleman who was born blind, on receiving his sight	XXXV 447	VII 491
— An explication of the instruments used, in a new operation on the eyes	— 451	VII 493
— The effects of the lixivium saponis, taken inwardly by a man aged 75 years, who had the stone, and in whose bladder, after his decease, were found two hundred and fourteen stones	XLIV 36	XI 992
CHESTON, RICHARD BROWN, (Surgeon.) Account of an ossification of the thoracic duct	LXX 323	
— Continuation of the case of James Jones	— 578	
CHEVALIER, JOHN. An observation of an eclipse of the sun made at Lisbon, Oct 26, 1753	XLVIII 546	
— Astronomical observations made at Lisbon, 1753	— 548	
— Observations on the eclipses of Jupiter in 1754, made at Lisbon	XLIX 48	
— on the eclipse of the moon, March 27, 1755, at Lisbon	L 374	
— on the eclipse of the moon, Feb. 4, 1757, at Lisbon	— 376	
— on the eclipses of Jupiter's satellites, at Lisbon	— 378	
— on the eclipse of the moon, July 30, 1757, at Lisbon	— 769	
CHILD, WILLIAM. Accounts of the effects of Lightning at Darking, in Surry	XLIX 309	

	Transl.	Abridg.
CHILDREY, JOSEPH. Animadversiones on Dr. Wallis's hypothesis of the flux and reflux of the sea	V 2061	II 279
CHURCHMAN, WALTER. Account of a new engine for raising water by horses	XXXVIII ⁴⁰²	VIII 322
CIPOLIA, Rev. LEWIS. Astronomical observations by the Missionaries at Pekin, Oct. 23; 1771	LXIV 31	
— Account of an eclipse, Nov. 12, 1761	— 39	
CIRILLO, DOMINICO, M. D. Account of the mamma tree	— 43	
— Account of the tarantula	LX 233	
CLAIRAUT, ALEXANDER. Investigations to prove that the figure of the earth nearly approaches to an ellipse, according to the laws of attraction, in an inverse ratio of the square of the distances	— —	
— An enquiry concerning the figure of such planets as revolve about an axis, supposing the density continually to vary from the center towards the surface	XL 19	— 329
— A comparison between the notions of M. de Courtivron and Melvil, concerning the difference of refrangibility of the rays of light	— 277	— 90
CLARCK, TIMOTHY, M. D. Some anatomical inventions and observations, particularly relative to the origin of the injection into veins, the transfusion of blood, and the parts of generation	XLVIII 776	
CLARE, —. Account of the earthquake, March 8, 1749-50, at Kensington Gravel Pits	III 672	III 290
CLARKE, —. Case of a boy who had a calculus formed between the glands and præputium	XLVI 620	X 497
CLARKE, I. Account of several Roman antiquities found near the Devizes, in Wiltshire	— 45	XI 1004
CLARKE, Rev. JOHN. An abstract of the bills of mortality of Bridge town, in Barbadoes, for the years 1737—1744	XXII 758	V 2 31
CLARK, Sir JOHN. An account of two oak trees struck by thunder, and of the horn of a large deer found in the heart of an oak	XLV 345	XI 1219
CLARKE, ROBERT. Observations on the death of a dog, on firing a volley of small shot	XLI 235	VIII 507, 847
— upon the polypus of the lungs	XIX 779	III 650
CLARKE, ROGER. Particulars of the county of Labradore	— —	— 68
— A new kind of hydrometer	XXXVI 277	VI 326
CLARKE, SAMUEL. A letter occasioned by the	LXIV 372	

	Transf.	Abridg.
present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion	XXXV 381	VI 294
CLAYTON, JOHN. Observations in Virginia, and in his voyage thither, particularly concerning the air	XVII 781	III 575
— Further observations on Virginia	— 790	— 581
— A continuation of the account of Virginia	— 941	II 862, III 584,
— Farther account of the soil, and other observables of Virginia	— 978	589
— A continuation of the account of Virginia	XVIII 121	— 592
CLAYTON, ROBERT, Bishop of Cloyne. Experiments concerning the spirit of coals	XLI 59	IX 395
— on the nitrous particles in the air	— 62	VIII 463
— Answer to several queries of Dr. Grew, made in 1687, relating to Virginia	— 143	IX 465
— An experiment to prove that water, when agitated by fire, is infinitely more elastic than air, in the same circumstances	— 162	VIII 466
— Account of a man who gave suck to a child	— 810	IX 208
— of an extraordinary skeleton	— —	— 245
— On the remains of an ancient temple in Ireland, and of a stone hatchet of the antient Irish	XLII 581	— 457
CLAYTON, WILLIAM. Account of Falkland island	LXVI 99	
CLEGG, JAMES. Experiments on dying black	LXIV 48	
CLELAND, ARCHIBALD, (Surgeon). A description of a catheter made to remedy the inconveniences which occasioned the leaving off the high operation for the stone	XLI 844	— 179
— A description of some instruments for the ears	— 847	— 124
— of needles made for operations on the eyes	— —	— 124
CLERKE, CHARLES. An account of the very tall men, seen near the Straights of Magellan, in 1764, in the equipage of the Dolphin man of war under the command of Captain Byron	LVII 75	
CLERK, Sir JOHN. Observations on the solar eclipse, Feb. 8, 1736-7, at Edinburgh	XL 195	VIII 149
CLERK, WILLIAM, (Surgeon). An account of a stone found in the stomach of a lady, on dissection, another in the left kidney, and some smaller ones in the gall bladder	XXI 95	III 159
COCKS, WILLIAM. A machine for sounding the sea at any depth, or in any part, invented by him in the year 1738	XLIV 146	X 261

	Transf.	Abridg.
COCKBURN, WILLIAM, M. D. On the operation of a blister when it cures a fever	XXI 161	III 260
— A problem proposed to the practitioners of physic	XXIV 1753	
— A solution of the problem for determining the doses of purging, and emetick medicines	— 2119	V 273
— The practice of purging and vomiting medicines, according to Dr. Cockburn's solution of his problem; with tables shewing their doses in particular ages and constitutions	XXVI 46	— 397
— On the difficulty of curing fluxes	XXXVII 385	VII 641
COCKIN, WILLIAM. Account of an extraordinary appearance of a mist	LXX 157	
COE, T. M. D. Letter on Mr. Bright, the fat-man	XLVII 188	
COLDEN, CADWALLADER. Observations on the earthquake, Nov. 18, 1755, made at New-York	XLIX 433	
COLE, WILLIAM, M. D. A discourse concerning the spiral, instead of the supposed annular structure of the fibres of the intestines	XI 603	III 88
— Letter on a false conception	XV 1045	— 220
— Phenomenon in the body of a woman who died of an apoplexy	— 1068	— 29
— History of periodical conceptions	— 1113	— 35
— — of a convulsive disease, returning every eight years	— 1115	— 36
— Account of stones voided per penem	— 1162	— 151
— Observations on the purple fish	— 1278	— 823
— Account of the grains resembling wheat which fell lately in Wiltshire	XVI 281	
— Account of some stones voided by stool	XXVII 28	V 265
COLEBROOKE, JOSIAH. Experiments concerning the encaustic painting of the ancients	LI 40	
— A letter concerning the success of the former experiments	— 53	
— Account of a meteor, seen Oct. 2, 1759, at Bath	— 301	
— Case of a cancer in which green hemlock was applied	LIII 346	
— Sequel to the case	LV 271	
COLEPRESSED, SAMUEL. Two cases of persons cutting teeth in their old age	I 380	— 297
— Account of two monstrous births, in Devonshire	II 480	— 301
— Observations made in mines and at sea, occasioning a conjecture about the origin of winds	— 481	II 105
— Account of an excellent liquor made with cyder, apples, and mulberries	— 502	

COLE-

	Transf.	Abridg.
COLEPRESSE, SAMUEL. Account of some magne- tical experiments - - -	II 502	
— An account of some observations made at and nigh Plymouth, 1667, by way of an answer to some of the queries concerning tides (vol. I. 298. 311) - - -	III 632	II 264
— On the making counterfeited opal - - -	— 743	III 685
— Some considerations touching the variety of slate, together with a computation of the charges in general for covering the houses there- with - - -	IV 1009	I 588
COLLET, JOHN, M. D. Account of the peat pit, near Newbury, in Berkshire - - -	L 109	
COLLIGNON, CHARLES, M. D. Some account of a body lately found in uncommon preservation, under the ruins of the abbey, at St. Edmund's Bury, Suffolk; with some reflections upon the subject - - -	LXII 465	
COLLINS, JOHN. A method for finding the number of the Julian period for any year assigned, the number of the cycle of the sun, the cycle of the moon, and for the indictions for the same year, being given; together with a demonstration of that method - - -	II 568 IV 929	III 399 I 60
— A resolution of equations in numbers - - -		
— A solution of a chorographical problem, pro- posed by Richard Townley - - -	VI 2093	— 366
— Thoughts about some defects in algebra - - -	XIV 575	
COLLINSON, PETER. Observations on the hardness of shells, and on the food of shell-fish - - -	XLIII 37	XI 861
— Observations on the cancer major - - -	XLIV 70	X 864
— Observations on a sort of libella or ephemeron - - -	— 329	XI 844
— Observations on the Belluga stone - - -	— 451	— 266
— — of an uncommon gleam of light pro- ceeding from the sun - - -	— 456	X 481
— Further observations on the cancer major - - -	XLVI 140	
— Observations on the yellowish wasp of Pennsylv- vania - - -	LIII 37	
— Remarks on the swallows on the Rhine - - -	— 101	
— Observations on the cicada or locust of North America - - -	LIV 65	
— Account of some very large fossil teeth found in North America - - -	LVII 464, 468	
— Account of the opening an antient well, near Queenborough, in Kent - - -	XXXVI 191	VI 2 244
COLMAN, REV. BENJAMIN. Of an earthquake at Boston, in New England, Oct. 29, 1727 - - -	— 124	— 201

	Transf.	Abridg.
COLQUHOUN, Sir JAMES. Of an agitation of the waters, at Luſs, in Scotland, Nov. 1, 1755	XLIX 389	
COLSON, Mr. Observations on the eclipse of the sun, June 1, 1676	XI 637	I 284
COLSON, JOHN. Universal solution of quadratic and biquadratic equations, viz. analytical, geometrical, and mechanical	XXV 2353	IV 66
— Account of negativo-affirmative arithmetic	XXXIV 161	VI 1
— The construction and use of spherical maps	XXXIX 204	VIII 354
COLWALL, DANIEL. Account of the English alum works	XII 1052	II 538
— — of the way of making English green copperas	— 1058	
COMBES, THOMAS. On cinnamon	L 873	
CONDAMINE, M. DE LA. Account of the Indian poison	XLIV 408	XI 1224
— The declination of some southern stars of the first and second magnitude, June, 1738, and the way of finding the hour of the night at sea by looking at the southern cross	XLVI 139	X 53
— The method of opening the MSS. found at Herculanum	XLIX 622	
CONDUITT, JOHN. On the situation of the antient Carteia, and some other of the Roman towns near it	XXX 903	V 2 83
CONIERS, JOHN. A description of his hygroscope	XI 715	II 37
CONNOR, BERNARD, M. D. An account of an extraordinary human skeleton, whose vertebræ of the back, the ribs, and several bones down to the os sacrum, were all firmly united into one solid bone, without jointing or cartilage	XIX 21	III 292
CONNY, ROBERT, M. D. Account of a shower of fishes	XX 289	II 144
CONSETT, Rev. THOMAS. Abstract of the meteorological diaries, made at Petersburg and London, 1724, 1725	XXXVIII 101	VIII 555
CONTI, De L' Abbé. Letter on the dispute about the method of fluxions or differential method	XXX 923	IV 162
CONYERS, JOHN. A draught and description of a useful and cheap pump	XII 888	I 545
— His improvement of Sir S. Morland's speaking trumpet	— 1027	— 505
COOKE, BENJAMIN. Account of an extraordinary damp in a wall, in the Isle of Wight	XL 379	VIII 658
— — of a ball of sulphur supposed to be generated in the air	— 427	— 522
		COOKE,

	Transf.	Abridg.
COOKE, BENJAMIN. Account of a fire ball, seen Dec. 11, 1741	XLII 25	VIII 525
— A proposal for warming rooms, by the steam of boiling water, conveyed in pipes along the walls	XLIII 370	XI 1391
— The effects which the farina of the blossoms of different sorts of apple trees had on the fruit of a neighbouring tree	— 525	X 751
— On the property of flannel sparkling in the dark	XLIV 457	— 343
— On the sparkling of flannel, and the hair of animals in the dark	XLV 394	— —
— On a mixed breed of apples, from a mixture of the farina	— 602	— —
— Account of a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband, the next time of being with child	XLVI 205	— 752
— — of the mayze or Indian corn	— —	XI 1063
— — of an earthquake felt in the isle of Wight, March 18, 19, 1749-50	— —	X 752
COOKE, JAMES. Observations of an eclipse of the sun, Aug. 5, 1766, made at Newfoundland	— 651	— 508
— Transitus Veneris & Mercurii in eorum exitu e disco solis mensis Junii, & 10 Nov. 1769, observatus	LVII 215	— —
— An account of the flowing of the tides in the South Seas, as observed on board his Majesty's bark the Endeavour	LXI 433	— —
— The method taken for preserving the health of the crew of his Majesty's ship the Resolution during her late voyage round the world	LXII 357	— —
— Of the tides in the South Seas	LXVI 402	— —
COOKSON, I. M. D. Account of an extraordinary effect of lightning communicating magnetism	— 447	— —
— — of the surprizing quantities of food devoured by a boy of 12 years of age in six successive days	XXXIX 75	VIII 505
COOPER, —. Account of an earthquake, March 8, 1749-50, at London	XLIII 380	XI 1086
— — of a luminous arch, Feb. 16, 1749	XLVI 647	X 505
COOPER, SAMUEL. Account of a storm of thunder and lightning at Norwich, July 13, 1758	— 647	— 507
COOPER, W. M. D. — of an extraordinary ap- — phalous birth	LI 38	— —
COOPER, ALLEN. — of the effects of lightning — on board the Atlas	LXV 311	— —
	LXIX 160	— —

	Transf.	Abridg.
COPE, JOHN. On an antient date at Widgehill in Hertfordshire - - -	XXXIX 119	IX 420
— On the antiquity and use of the Indian characters or figures - - -	— 131	— 426
COPPING, REV. JOHN. Account of the Cæsarian operation, performed by an ignorant butcher - - -	XLI 814	— 839
— — of an extraordinary skeleton - - -	— 816	— 247
CORNELIO, THOMAS, M. D. Observations on persons pretending to have been stung by tarantulas - - -	VII 4066	III 285
CORNISH, JAMES. On the torpidity of swallows and martins - - -	LXV 343	
CORNWALL, Capt. Observations on the variation of the needle on board the Royal African packet in 1721, in the Ethiopic ocean - - -	XXXII 55	VI 2 289
COSTA, EMANUEL, MENDES DA. Dissertation on the belemnites - - -	XLIV 397	X 648
— — on two beautiful echinites - - -	XLVI 143	— 635
— — on a fossil found at Dudley in Staffordshire - - -	XLVIII 286	
— — on the impression of plants on the flates of coals - - -	L 228	
— Experiments on several pieces of marble stained by R. Chambers - - -	LI 30	
— Remarks on Mr. Hubner's observations on the production of Tripoli - - -	— 192	
— Account of some productions in Scotland resembling the Giants Causeway in Ireland - - -	LII 103	
— An account of an encrinus, or star-fish, with a jointed stem, taken on the coast of Barbadoes, which explains to what kind of animals those kind of fossils belong, called star stones, asterizæ, and astropodia - - -	— 357	
— Supplement to Mr. Borlase's account of the discovery of native tin - - -	LVI 305	
COSTARD, REV. GEORGE. Account of a fiery meteor seen in the air, July 14, 1745 - - -	XLIII 522	
— On the Chinese chronology and astronomy - - -	XLIV 476	XI 1232
— On the year of the eclipse, foretold by Thales - - -	XLVIII 17	
— On the eclipse mentioned by Xenophon - - -	— 155	
— On the ages of Homer and Hesiod - - -	— 441	
— Translation of a passage in Ebn Younes, with some remarks thereon - - -	LXVIII 231	
COTES, ROGER. Logometria - - -	XXXIX 5	IV 171
— A description of a great meteor, March 6, 1715-16 - - -	XXXI 66	VI 2 82

	Transf.	Abridg.
COTTON, REV. EDWARD, D. D. On a load-stone found in Devonshire -	II 423	
COURTEN, WILLIAM. Experiments and observations on the effects of several sorts of poisons upon animals -	XXVII 485	V 38
COUZIER, M——. Experiments on the blood of a person dead of the plague -	XXXII 103	VII 601
COWPER, WILLIAM. Experiments with Mr. John Colbatch's styptic -	XVIII 42	III 255
—— Account of chilification -	XIX 231	— 106
—— of a very large diseased kidney -	— 301	— 143
—— Remarks on Dupré's account of five pair of muscles of the head -	XXI 13	
—— An account of stitching the great tendon between the calf of the leg and heel, with its union and cure, after an entire division of it. with remarks -	— 153	— 298
—— An account of two glands, and their excretory ducts, lately discovered in human bodies -	— 364	— 194
—— An account of a polypus taken out of the vena pulmonalis, and of the structure of that vessel -	XXII 797	V 221
—— An account of divers schemes of arteries and veins, dissected from adult human bodies by J. Evelyn, to which are subjoined a description of the extremities of those vessels, and the manner the blood is seen by the microscope, to pass from the arteries to veins in quadruped-when living; with some surgical observations and figures after the life -	XXIII 1177	— 335
—— Answer to Mr. Wright's case of a cure of an apostematation of the lungs. -	XXIII 1386	— 227
—— The anatomy of a male opossum -	XXIV 1565	
—— An account of the anatomy of those parts of a male opossum that differ from the female -	XXIV 1576	— 169
—— Of ossifications or petrefactions in the coats of the arteries -	— 1970	— 347
—— Of the hydatides inclosed with a stony crust in the kidney of a sheep -	XXV 2304	— 54
—— An account of what appeared on the dissection of the body of Mr. Dove -	XXVII 512	— 325
—— on the opening of the body of Mr. St. John, who died of an asthma -	— 534	
COWPER, REV. SPENCER. of an agitation of the water at Durham. Nov. 1, 1755 -	XLIX 385	
Cox, ———, Surgeon. Case of a surgeon of Peterborough who fell into a pestilential fever upon tapping the corpse of a man lately dead of a dropisy -	XLI 168	IX 212

	Transf.	Abridg.
COXE, DANIEL, M. D. A way of extracting a volatile salt and spirit out of vegetables	IX 4	III 326
— A discourse, denying the pre-existence of alcalizate or fixed salts in any subject, before it were exposed to the action of the fire; to which is added, a confirmation of an assertion, delivered in vol. IX. p. 4, viz. that alcalizate or fixed salts, extracted out of the ashes of vegetables, do not differ from each other; the same being affirmed of volatil salts and vinous spirits	IX 150	— 328
— A continuation of a discourse begun in vol. IX. p. 150, touching the identity of all volatil salts and vinous spirits; together with the surprising experiments concerning vegetable salts perfectly resembling the shape of the plants whence they had been obtained	— 169	— 333
COXE, THOMAS. Experiment of bleeding a mangey into a found dog	II 451	— 229
CRABTREE, —. Observations on the spots in the sun, 1640	XXVII 270	IV 235
CRADOCK, ZACH. Account of a fiery meteor	XLIII 78	X 478
CRAIG, JOHN. On the quadratures of figures, geometrically irrational	XXIX 708	
— An addition to the scheme of quadratures	— 785	I 407
— The quadrature of the logarithmic curve	XX 373	— 56
— Solution of a problem relating to the solid of least resistance	XXII 746	
— Specimen of the general method of determining the quadrature of figures	XXIII 1346	IV 26
— A solution of the problem proposed by J. Bernoulli	XXIV 1527	— 35
— On the length of the curve lines	XXVI 64	— 43
— Logarithmo-technia generalis	XXVII 191	— 156
CRAIG, Rev. JOHN. Description of the head of a monstrous calf	— 429	V 35
CRAMER, G. Account of an aurora borealis, with unusual appearances	XXXVI 279	V 2 114
CREED, Rev. —. Account of a machine to write down extempore voluntaries, or other pieces of music	XLIV 445	X 265
CRELLIUS, F. L. F. M. D. Experiments on putrefaction	LXI 332	
— Experiments on a new mineral acid	LXX 109	
CRESSENER, Rev. H. Account of an eclipse of the moon, Feb. 2, 1709-10	XXVII 16	IV 275
CRISPE, —. Letter on some curiosities, &c. found in a subterraneous town near Naples	XLI 493	IX 444
CROCKER, —. Account of a meteor seen in the day time, Dec. 8, 1733	— 346	VIII 517

	Transf.	Abridg.
CROMERTIE , Earl of. Account of mosses in Scotland	XXVII 296	IV 2 25
CROY , Prince of. Observations of the eclipses of the sun, of August 16, 1765, and of the 5th of August, 1766, made at Calais, together with some remarks on the first of them -	LVI 262	
CRUQUIUS , NICHOLAS. The middle height of the barometer, thermometer, and hygrometer, for a year at Leyden -	XXXIII 4	
CRUSIO , CHARLES. Case of an extraordinary disease of the skin, and its cure -	XLVIII 579	
CRUWYS , SAMUEL. Account of an aurora borealis seen at Cruwys Morehard, Devonshire, Feb. 6, 1720-1, with an account of the weather before and after it -	XXXI 186	VI 2 89
CULLUM , Sir DUDLEY. Account of a lately invented stove, for preserving plants in the greenhouse in winter -	XVIII 191	II 750
CUMBERLAND , Cap'tain. An account of the manner of bending planks in his Majesty's yards at Deptford, &c. by a sand heat, invented by him -	XXXII 75	VI 467
CUNINGHAM , JAMES. A catalogue of shells, &c. gathered at the island of Ascension, and also of plants observed there -	XXI 295	II 252
— Observations on the Mercury's altitude, with the changes of the weather at Emüy in China -	— 323	— 86
— — on the thermometer and the magnetick needle in his voyage from the Cape of Good Hope, 1700 -	XXII 577	
— An account of a voyage to Chusan in China, with a description of the island, of the several sorts of tea, of the fishing, agriculture of the Chinese, &c. with several observations not hitherto taken notice of -	XXIII 1201	V 2 171
— An account of some plants collected at Chusan in China, by J. Petiver -	— 1419	V 2 286
— Observations on the weather, made in a voyage to China, 1700 -	XXIV 1635	
— A register of the wind and weather at China, with the observations of the mercurial barometer at Causan, from Nov. 1700, to Jan. 1702 -	— 1648	— 26
CURTEIS , WILLIAM. Experiments and observations on bulbous roots, plants and seeds growing in water -	XXXVIII 267	VIII 825
CURTIS , ROGER. Particulars of the country of Labrador, extracted from the papers of Lieut.		

	Transf.	Abridg.
Roger Clarke, of his Majesty's sloop the Otter, with a plane chart of the coast	LXIV 372	
CYPRIANUS, —, M.D. An account of a child born with a large wound in the breast, supposed to proceed from the force of imagination	XIX 291	III 222
CYRELLUS, NICHOLAS. On the use of cold in fevers	XXXVI 142	VII 635
— Account of the eruption of Vesuvius, in March, 1730	XXXVII 336	VI 2 199
— History of the earthquake, felt at Apulia, and at Naples, 1731	XXXVIII 79	VIII 682
— Physical history of the earth and air, 1732	— 184	— 625
D.		
DALE, SAMUEL, Account of some coins found at Hoxedon in Suffolk	XVII 874	III 441
— Method of making turnip bread, in Essex	— 971	II 667
— Case of a contumacious jaundice, accompanied with a very odd case in vision	XVIII 158	III 286
— Account of a very large eel, with considerations about the generation of eels	XX 90	H 837
— — of several insects	XXI 50	— 912
— — of Harwich Cliff, and the fossil shells found there	XXIV 1568	IV 2 264
— Anatomical observations made on a body dissected at Padua, by John Ray	XXV 2282	V 184
— Account of the MSS. left by Mr. Ray	— —	— —
— Description of the moose deer of New England	XXXIX 384	IX 84
— — of a stag of Virginia	— —	— —
— Remarks on Mr. Ray's description of the flying squirrel of America	— —	— 78
DALRYMPLE, ALEXANDER. On the formation of islands	LVII 394	
— Journal of a voyage to the East Indies, in the Grenville, 1775	LXVIII 389	
DAMPIER, GEORGE. On the cure of the bitings of mad creatures	XX 49	III 284
DARWIN, ERASMUS, M. D. Remarks on the opinion of Henry Eeles, concerning the ascent of vapours	L 240	

DARWIN,

	Transl.	Abridg.
DARWIN, ERASMUS, M. D. An uncommon case of an hæmoptysis	LI 526	
— Experiments on animal fluids, in the exhausted receiver	LXIV 344	
— A new case in squinting	LXVIII 85	
DAVALL, PETER. Reflections on Mr. de l'Isle's comparison of the magnitude of Paris with London, and several other cities, printed in the memoirs of the Academy of Sciences at Paris in 1725	XXV 432	VI 426
— Description of an extraordinary rainbow, observed July 15, 1748	XLVI 193	X 481
— An account of the sun's distance from the earth, deduced from Mr. Short's observations relating to the horizontal parallax of the sun	LIII 1	
DAVIEL, M——. A dissertation upon the cancer, commonly called the noli-me-tangere	XLIX 186	
DAVIES, ———, M. D. Case of a person who voided many hydatides in her urine	XXII 897	V 2 283
— Case of an unusual colic	— 965	— 268
DAVIES, DAVID. Letters concerning several copper mines	XVII 737	II 563
— A further account	— 741	—
DAVIES, EVAN. Account of what happened from thunder in Carmarthenshire, Dec. 6, 1729	XXXVI 444	VI 2 74
DAVIES, RICHARD, M. D. Tables of specific gravities, with observations	XLV 416	X 206
DAVIES, THOMAS. Method of preparing birds for preservation	LX 84	
DAVIS, EDWARD. Case of a child born with all its bones displaced	XLIV 539	XI 1110
DAVIS, EVAN. Case of some children inoculated for the small pox at Haverfordwest	XXXVIII 121	
DAVIS, Rev. JOHN. Account of the Wirtemberg engine	XV 846	I 537
DAWES, Rev. THOMAS. Account of the plague at Aleppo	LIII 39	
DAWKES, THOMAS. — of the gigantic boy at Willingham near Cambridge	XLIII 251	XI 1205
DAWSON, AMBROSE, M. D. Case of a very long suppression of urine	LI 215	
DAY, MARK. Observation on the comet of Jan. 1763, made at Lowich near Thrapiton, Northamptonshire	— 469	
DEBENHAM, THOMAS. Case of a woman from whom the bones of a fœtus were extracted	XLVII 92	

	Transf.	Abridg.
DEBRAW, JOHN. Discoveries on the sex of bees	LXVII 15	
DEGG, SIMON, M. D. An account of an human skeleton of an extraordinary size, together with some examples of long life	XXXV 363	VII 4 29
DEGLOSS, LEWIS. Observations made at Dinapoor on the planet Venus when passing over the sun's disk	LX 239	
DEIDIER, —, M. D. Experiments made with the bile of persons dead of the plague at Marfeilles, with what appeared upon the dissection of the bodies; as likewise some experiments made with the bile of persons dead of other diseases	XXXII 20	
— Experiments made with the bile of persons dead of the plague	— 105	VII 600
DELAVAL, EDWARD. Several electrical experiments	LI 83	
— Several experiments in electricity	LII 353	
— Account of the effects of lightning on St. Bride's church, Fleet Street, June 18, 1764	LIV 227	
— Experiments and observations on the agreement between the specific gravities of the several metals, and their colours when united to glass, as well as those of their other proportions	LV 10	
DEMOIVRE, ABR. The dimensions of the solid, generated by the conversion of Hippocrates's lunula, and its parts, about several axes, with the surfaces generated by that conversion	XXII 624	I 29
DENIS, JOHN. On transfusion of blood	II 453	III 229
— Some trials of the same operation, made in France	— 559	— 235
— Account of the cure of an inveterate phrenzy, by the transfusion of blood	— 617	— 291
— On the differences which have risen upon the transfusion of blood	III 710	
DENT, Rev. THOMAS. On the extracting worms found in the tongue, and other parts of the body	XVIII 219	— 137
DENYS, M—. Notice of an admirable liquor, instantly stopping the blood of arteries pricked or cut, without any suppuration, or without leaving any scar or cicatrice	VIII 6039	— 252
— at Paris	— 6054	— 291
— Account of an odd fœtus lately born at Paris	— 6157	— 23
DERANTE, PETER. Case of the coming off of the		

	Transf.	Abridg.
scapula and head of the os humeri upon a mortification		
DERBY, J. Account of a whirlwind at Corne Abbas, in Dorsetshire, Oct. 30, 1731	XXXII 15	VII 676
DEREHAM, Sir THOMAS. Observations on an ignis fatuus, made in England and Italy	XLI 229	VIII 499
— Explanation of a new chronological table of Chinese history	XXXVI 204	VI 2 147
DERHAM, Rev. WILLIAM. An account of some experiments about the height of the mercury in the barometer at top and bottom of the monument: and also about portable barometers	— 397	VII 4 13
— A contrivance to measure the height of the mercury in the barometer, by a circle on one of the weather plates, with a register of the weather, &c. for 1697	XX 2	II 10, 12, 14
— A letter, accompanying his observations of the height of the mercury in the barometer, rains, winds, &c. for the year 1698, at Upminster, in Essex	— 45	— 12
— Observations of the weather, 1699, made at Upminster, in Essex	XXI 45	— 73, 102
— Account of the insect commonly called the death watch	XXII 527	— 90
— Observations on the weather, &c. for some years past	— 832	V 27
— Account of the spots of the sun observed in June, 1703	XXIII 1443	IV 2 62
— Observations on a storm at Upminster	— 1504	IV 230
— An instrument for seeing the sun, moon, or stars pass the meridian of any place	XXIV 1530	IV 2 109
— A supplement to the account of the pediculus pulsatorius	— 1578	IV 464
— Experiments about the motion of pendulums in vacuo	— 1586	V 28
— A prospect of the weather, winds, and height of the mercury, in the barometer, on the first day of the month, and of the whole rain in every month in 1703, and beginning of 1704, at Upminster	XXIV 1785	IV 2 168
— An account of some magnetical experiments and observations	— 1877	
— Account of a glade of light observed in the heavens, March 28, 1706	— 2136	— - 290
— Meteorological tables kept at Upminster, 1705	XXV 2220	— - 133
	— 2378	— - 70

	Transf.	Abridg.
DERHAM, Rev. WILLIAM. Account of a pyramidal appearance in the heavens, observed near Upminster	XXV 2411	IV 2 133
— Experiments and observations on the motion of sound	XXVI 2	
— On the migration of birds	— 123	
— Observations on the eclipse of the sun, Sept. 3, 1708, at Upminster	— 308	IV 255
— — an eclipse of the moon, Sept. 18, 1708	— —	— 275
— Account of some inundations, and some appearances in the Heavens observed in Ireland, 1708	— —	IV 2 734
— — of some monstrous births in Ireland, 1708	— —	— 193
— Barometrical altitudes in 1708, at Upminster, and of the rain, winds, heat, cold, &c. with remarks	— —	V 309
— History of the great frost of 1708-9	— 342	
	— 454	IV 2 113
	— 485,	
	487	V 310
— Account of a child's crying in the womb		
— Observations upon the spots in the sun from 1703 to 1711	XXVII 270	IV 235
Further account	— 278	— 240
— Observations concerning subterraneous trees in Dagenham, and other marshes bordering upon the river Thames, in the county of Essex	— 478	— 219
— Observations on the eclipse of the moon, Jan. 12, 1711-12	— 522	— 277
— The case of a woman big with child, who recovered of the small-pox, and was afterwards delivered of a dead child full of the pustules of that distemper	XXVIII 165	V 313
— Account of the rain which fell every year at Upminster in Essex, the last eighteen years, with remarks upon that of the year 1714 from 1697 to 1714; also compared with what has been observed of that kind at Paris, by M. De la Hire	XXIX 130	IV 2 100
— Account of the mischiefs ensuing the swallowing of the stones of bullace and sloes	— 484	V 267
— On the inventor of telescopic sights of mathematical instruments	XXX 603	IV 345
— Observations on wasps, and the differences of their sexes	XXXIII 53	VII 404
— — on the lumen boreale or streaming, on Oct. 8, 1726	XXXIV 245	VI 105
— — on the eclipses of Jupiter's satellites from Oct. 1700 to 1727; with remarks	XXXV 415	— 225

DERHAM,

	Transf.	Abridg.
DERHAM, REV. WILLIAM. The differences in time of the meridians of diverse places, computed from observations of the eclipses of Jupiter's satellites	XXXVI 33	VI 414
— Description of some uncommon appearances observed in an aurora borealis	— 137	VI 2 113
— Observations on the ignis fatuus	— 204	— 147
— Account of the frost in Jan. 1730-1	XXXVII 16	IV 275
— Abstract of meteorological diaries, communicated to the Royal Society; with remarks	— 261	VI 2 139
— Observations of the appearances among the fixed stars, called Nebulous stars	XXXVIII 70	VIII 132
— Abstract of the meteorological diaries of 1724 and 1725	— 101	— 555
— — 1726	— 334	IX 339
— — 1727	— 405	—
— Experiments on the vibrations of pendulums	XXXIX 201	VIII 245
DESAGULIERS, J. T. LL. D. An account of some experiments of light and colours, formerly made by Sir Isaac Newton, and mentioned in his Opticks, lately repeated before the Royal Society	XXIX 433	IV 173
— A plain and easy experiment to confirm Sir Isaac Newton's doctrine of the different refrangibility of the rays of light	— 448	— 481
— Remarks on the second paper in the history of the Royal Academy of Sciences for 1711, concerning the cause of the variation of the barometer	XXX 570	IV 2 10
— An experiment to prove an interspersed vacuum	— 717	— 173
— Instances of a very great and speedy vegetation of turnips	— 974	— 311
— Experiments tried with M. Villette's burning concave	— 976	IV 198
— A way for myops to use telescopes without eyeglasses, and becoming as useful to them, and sometimes more, than a combination of glasses	— 1017	— 188
— An account of some experiments to find how much the resistance of the air retards falling bodies	— 1071	IV 2 175
— Further experiments	— 1075	— 178
— An account of an experiment to shew, by a new proof, that bodies of the same bulk, do not contain equal quantities of matter, and therefore that there is an interspersed vacuum	XXXI 81	— 157
— A comparison of Paris weights, as they are now used, with English weights	— 112	VII 4 46

	Transl.	Abridg.
DESAGULIERS, J. T. LL. D. Experiments relating to the resistance of fluids - - -	XXXI 142	VI 299
— Remarks on some attempts made to obtain a perpetual motion - - -	— 214	— 323
— Improvement of Mr. Haskin's engine to raise water by help of quicksilver. - - -	XXXII 5	— 352
— Account of an optical experiment made before the Royal Society - - -	— 206	— 145
— Experiments made to prove that the whole force of moving bodies is proportionable to their velocities - - -	— 269	— 281
— Animadversions upon some experiments relating to the force of moving bodies; with two new experiments on the same subject - - -	— 285	— 221, 285
— An attempt to account for the rising and falling of the water of some ponds near the sea, on ebbing or flowing rivers; where the water is lowest in the pond at the time of high-water in the sea or river, and the water is the highest in the pond at the time of low-water in the sea or river; as also for the increasing or decreasing of the water of such pools or brooks as are highest in dry seasons, and lowest in the rainy seasons; with an experiment to illustrate the solution of the phenomena - - -	XXXIII 132	VI 2 165
— A new contrivance for taking levels - - -	— 165	VI 271
— A dissertation concerning the figure of the earth - - -	— 201,	VI 2 250
— continued - - -	238, 277	VI 384
— An experiment to illustrate what has been said concerning the figure of the earth - - -	— 344	— 400
— Experiments concerning the cohesion of lead - - -	— 345	— 325
— Experiments concerning the running of water in pipes - - -	XXXIV 77	— 347
— Account of Mr. Hale's Vegetable Statics - - -	XXXV 323	VI 2 158
— An attempt made to shew how damps or foul air may be drawn out of any sort of mines, &c. by an engine - - -	— 353	— - 193
— Account of a machine for measuring any depth at sea - - -	— 559	— - 163
— Experiments made in August, 1728, before the Royal Society, upon occasion of Signor Rizzetti's opticks, with an account of that book - - -	— 607	VI 110
— An attempt to solve the phenomenon of the rise of vapours, formation of clouds, and descent of rain - - -	XXXVI 6	VI 2 61

	Trauf.	Abridg.
DESAGULIERS, J. T. LL. D., A proposition on the balance, not taken notice of by mechanical writers, explained and confirmed	XXXVI 1 8	
— Observations on the crane, with improvements on that machine	— 194	
— Examination of a new-invented axis in peritrochio, said to be void of friction	— 222 228	VI 31 ^L — 320
— An account of an experiment explaining a mechanical paradox, viz. that two bodies of equal weight, suspended on a certain sort of balance, do not lose their equilibrium, by being removed one farther from, the other nearer to, the center	XXXVII 1125	— 310
— An experiment to shew that the friction of the several parts in a compound machine, may be reduced to; calculation	292	— 321
— Two experiments of the friction of pulleys	394	— 322
— An account of an experiment, contrived by G. J. s'Gravesande, relating to the force of moving bodies, shewn to the Royal Society	XXXVIII 143	VIII 235
— An account of an instrument, or machine, for changing the air in the room of sick people	XXXIX 41	— 270
— A calculation of the velocity of the air, moved by a new-invented centrifugal bellows of seven feet in diameter, and one foot thick within, which a man can keep in motion with very little labour, at the rate of two revolutions in one second	— 44	— 271
— The uses of the foregoing machine	— 47	— 273
— An experiment to shew, that some damps in mines may be occasioned only by the burning of candles under ground, without the addition of any noxious vapour, even when the bottom of the pit has a communication with the outward air, unless the outward air be forcibly driven in	— 281	
— An attempt to explain the phenomenon of the horizontal moon appearing bigger when near, than when elevated many degrees above, the horizon; supported by an experiment, with an explication	— 390	— 130
— Account of some new statical experiments	XL 62	— 278
— An account of some magnetical experiments made before the Royal Society, June 24, 1736, and April 21, 1737	— 385	— 740

	Transl.	Abridg.
DESAGULIERS, J. T. LL. D. Thoughts and conjectures on the cause of electricity	XLI 175	VIII 439
— Thoughts and experiments concerning electricity	— 186	— 419
— Experiments made before the Royal Society, Feb. 2, 9, and 16, 1737-8	— 193	— 422
— Some electrical experiments made at the prince of Wales's at Cliefden, April 15, 1738, where the electricity was conveyed 420 feet in a direct line	— 209	— 429
— Something concerning electricity	— 634	— 430
— An account of some electrical experiments made before the Royal Society, January 22, and March 15, 1741	— 637	— 432
— Several electrical experiments made at various times before the Royal Society	— 661	— 433
— Further experiments in electricity	XLII 14	— 435
— Some conjectures concerning electricity, and the rise of vapours.	— 140	— 437
DESMASTERS, —. Experiments about freezing	XX 384, 439	II 165
DEVEREL —, (Surgeon). Case in surgery, commonly mistaken for a fracture of the patera	XXXI 44	VII 678
DICQUEMARE, Abbé. Essay on sea-anemonies	LXIII 361	
— Second essay	LXV 207	
— Third essay	LXVII 1, 56	
DIGGES, EDWARD. Observations on the ordering of silk-worms	I 26	II 756
DINGLEY, ROBERT. Some observations upon gems or precious stones; more particularly such as the ancients used to engrave upon	XLIV 502	X 610
— Accounts of the irregularities of the tides in the river Thames, on the 12th and 13th of February, 1756	XLIX 530	
DIONYSIUS of Piacenza. Observations on some animals, and of a strange plant in the kingdom of Congo	XII 977	III 57
DIODATI, ROELOF. Account of an extraordinary inundation in the island of Mauritius	XX 268	II 329
DITTON, HUMPHRY. Of the tangents of curves deduced immediately from the theory of Maxima and Minima	XXIII 1333	IV 7
— An universal spherico-catoptric theorem	XXIV 1810	— 184
DIVINIS, EUSTACHIUS DE. A contest between two artists about optick-glasses	I 209	I 193
— An observation on optick-glasses made of rock crystals	— 362	— 195

	Transf.	Abridg.
DIVINIS, EUSTACHIUS DE. A description of a microscope of a new fashion -	III 842	I 207
DIXON, JEREMIAH. Observations on the transit of Venus over the Sun, June 3, 1761	LII 378	
— Observations for determining the length of a degree of latitude in the provinces of Maryland and Pennsylvania -	LVIII 274	
— Astronomical observations made in the forks of the river Brandivine, in Pennsylvania -	— 329	
— Observations on the transit of Venus made off the island of Hammerfoft -	LIX 253	
DIXON, WILLIAM. Account of vegetable balls which grow in a lake near the Humber, in Yorkshire -	XLVII 498	
DOBBS, ARTHUR. An account of a parhelion, seen in Ireland, March 172½ -	XXXII 89	VI 2 77
— Account of an aurora borealis, seen Sept. 1725, in Ireland -	XXXIV 128	VI 93
— An observation of the eclipse of the Moon at Castle Dobbs, near Carrick-fergus, in Ireland, Feb. 2, 1728-9 -	XXXVI 140	-- 201
— On the distance between Asia and America -	XLIV 471	X 252
— Observations on bees, and their method of gathering wax and honey -	XLVI 536	XI 841
DOBSON MATTHEW, M. D. A description of a petrified stratum, formed from the waters of Matlock, in Derbyshire -	LXIV 124	
— Experiments in an heated room -	LXV 463	
— Observations on the annual evaporation at Liverpool, in Lancashire; and on evaporation considered as a test of the moisture or dryness of the atmosphere -	LXVIII 244	
DOBYNS, JOHN. Account of several stones found in the kidneys of a person -	XXXV 452	VII:532
DOD, PIERCE, M. D. Account of an aneurism of the aorta -	— 436	— 566
— An account of an extraordinary effect of lightning in communicating magnetism, at Wakefield in Yorkshire -	XXXIX 74	VIII 504
— Case of a person making bloody urine in the small pox, and recovered -	XLII 559	IX 211
DODDRIDGE, PHILIP, D. D. Account of one who had no ear to music naturally, singing several tunes when in a delirium -	XLIV 596	XI 1084
— Account of a wether giving suck to a lamb; and of a monstrous lamb -	XLV 502	— 1218
— — of an earthquake, Sept. 30, 1750	XLVI 712	X 517

	Transf.	Abridg.
DODINGTON, —. Account of the Aponenſian baths near Padua - - -	VII 4067	II 344
DODSON, JAMES. Of an improvement of the bills of mortality - - -	XLVII 333	
— Letter about logarithms - - -	XLVIII 273	
— On the value of an annuity for life, and the probability of ſurvivorſhip - - -	— 487	
— On the advantages which will accrue from a periodic review of the variation of the magne- tic needle - - -	— 875	
— Table of the value of the annuities for lives - - -	XLIX 891	
— On the variation of the magnetic needle, with tables of 50,000 obſervations - - -	L 329	
DOLLOND, JOHN. On an improvement of refracting telescopes, by increaſing the number of eye- glaſſes - - -	XLVIII 103	
— Deſcription of a new inſtrument for taking ſmall angles - - -	— 178	
— Remarks on a theorem of Mr. Euler for correct- ing the aberrations in the object-glaſſes of refracting telescopes - - -	— 287	
— An explanation of a new inſtrument made for meaſuring ſmall angles - - -	— 551	
— Experiments concerning the different refrangi- bility of light - - -	L 733	
DOLLOND, PETER. Account of an improvement in his new telescopes - - -	LV 54	
— Deſcription of ſome additions and alterations made to Hadley's quadrant, to render it more ſerviceable at ſea - - -	LXII 95	
— An account of the apparatus applied to the equatorial inſtrument for correcting the er- rors ariſing from the refraction in altitudes - - -	LXIX 331	
DONATI, VITALIANO, M. D. New diſcoveries re- lating to the hiſtory of coral - - -	XLVII 95	
— Account of the earthquake felt at Turin, De- cember 9, 1755, and March 8, 1756 - - -	XLIX 612	
DONIUS, JOHN BAPTIST. Account of a way of re- ſtoring the ſalubrity of the country about Rome - - -	V 2017	
DOUDY, SAMUEL. A relation of a ſtrange ſymptom attending a hydrops peſtoris, and the reaſon of it, as it appeared on the diſſection of the body - - -	XIX 390	III 77
DOVE, JOHN. Account of a ſurprizing ſhoal of pu- mice ſtones found floating on the ſea - - -	XXXV 444	

	Transf.	Abridg.
DOVE, JOHN. Account of a comet observed, Feb 29, 1751-2, on board the Monmouth, in Table Bay - - -	XXXVII 39	VI 267
DOUGLAS, CHARLES. Experiments and observation upon a blue substance, found in the Peat Moss in Scotland - - -	LVIII 181	
— An account of the result of some attempts made to ascertain the temperature of the sea at great depths near the coasts of Lapland and Norway, as also some anecdotes collected in the former account - - -	LX 39	
DOUGLAS, JAMES, M. D. An account of a very large tumour in the fore part of the neck - - -	XXV 2214	V 213
— An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera - - -	— 2317	— 294
— — of the dissection of a person who died of an ulcer in the right kidney - - -	XXVII 32	— 257
— An account of the left ventricle of the heart of an amazon, magnitude - - -	XXIX 321	— 231
— Observations on the glands in the human spleen - - -	XXIX 499	— 256
— — on a fracture in the upper part of the thigh bone - - -	— —	— 388
— The natural history and description of the phœnicopterus or flamingo, with two views of the head, and three of the tongue - - -	— 523	— 63
— A new method of cutting for the stone - - -	XXXII 83	VII 527
— A botanical description of the flower and seed vessel of the crocus autumnalis sativus - - -	— 441	VI 2 309
— Two surgical cases stated and answered - - -	XXXV 318	VII 536
— The culture and management of saffron in England - - -	— 566	I 2 311
— Of the different kinds of ipecacuanha - - -	XXXVI 152	— 327
— An abstract of a book, intitled, "A short Account of Mortifications, and of the turprizing Effects of the Bark, in putting Stop to their Progress" - - -	XXXVII 425	VII 645
DOUGLAS, ROBERT. The variation of the compass, containing 1719 observations to, in, and from, the East Indies, Guinea, West India and the Mediterranean, with the latitudes and longitudes at the time of observation - - -	LXVI 18	
DOUGLAS, SYLVESTER. Account of the tokay and other wines of Hungary - - -	LXII 292	
DOWNE —. Account of an earthquake felt at Bridgport, March 18, 1749-50 - - -	XLVI 628	

	Transf.	Abridg.
DOZ, VINCENT. Observations of the transit of Venus made in California	LX 549	
DRAKE, FRANCIS. On the bones of a foetus discharged through an ulcer near the navel	XLV 121	XI 1019
— Account of a Roman altar, with an inscription on it, found near York	XLVIII 33	
DRAKE, J. M. D. On some influences of respiration on the motion of the heart, hitherto unobserved	XXIII 1217	V 253
DRIESCHIUS, GERARD CORNELIUS. Account of a double-bodied child born in Pannonia, 1701, which lived 22 years	L 318	
DUBLIN SOCIETY. Of a periodical evacuation of blood at the end of one of the fingers	XV 989	III 252
DUBLIN, ARCHBISHOP of. Of the manner of manuring land by sea-shells, as practised in the counties of Londonderry and Donnegal, in Ireland	XXVI 59	IV 2 298
DUCAREL, ANDREW COLTEE, LL. D. On chestnut trees	LXI 136	
— On the early cultivation of botany in England, and some particulars about John Tradescant gardener to king Charles I.	LXIII 179	
DUDLEY, Sir MATTHEW. Account of the insects in the barks of decaying elms and ashes	XXIV 1859	V 13
DUDLEY, PAUL. An account of the method of making sugar from the juice of the maple-tree in New England	XXXI 27	VI 2 376
— A description of the moose deer in America	— 165	VII 447
— Account of the poison-wood-tree in New England	— 145	VI 2 307
— A method lately found out in New England, for discovering where the bees hive in the woods, in order to get their honey	— 148	VII 403
— Of a new sort of molasses made of apples	XXXII 231	VI 2 379
— Of the degenerating of smelts	—	—
— Account of the rattle-snake	— 292	VII 410
— An account of an extraordinary cure by sweating in hot turf; with a description of the Indian hot-houses	XXXIII 126	— 669
— Observations on some plants in New England, with remarkable instances of the nature and power of vegetation	— 194	VI 2 34-
— An essay upon the natural history of whales, with a particular account of the ambergris found in the spermaceti whales	— 256	VII 424

DUDLEY.

	Transf.	Abridg.
DUDLEY, PAUL. An account of a stone taken out of a horse at Boston, in New England, 1724.	XXXIV 261	VII 440
— An account of the several earthquakes which have happened in New-England since the first settlement of the English in that country, especially of the last, which happened in October 29, 1727.	XXXIX 63	VIII 685
DUFAY, M. —. On the efficacy of oil of olives in the bite of vipers.	XL 444	IX 68
DUILLIER, FACIO. Observations on an eclipse of the Sun, May 12, 1706, made at Geneva.	XXV 2241	IV 252
DUMARESQUE, Rev. D. An account of that part of America which is nearest to the land of Kamtchatka, extracted from the description of Kamtchatka, by Professor Krasnennicoff.	LI 477	
DUNN, SAMUEL. Some observations of the planet Venus, on the disk of the sun, June 6th, 1761, with a preceding account of the method taken for verifying the time of that phenomenon; and certain reasons for an atmosphere about Venus.	LII 184	
— An attempt to assign the cause why the Sun and Moon appear to the naked eye larger when they are near the horizon; with an account of several natural phenomena relative to this subject.	— 462	
— Reasons for a lunar atmosphere.	— 578	
— An account of the eclipse of the Sun, October 16, 1762.	— 644	
— An account of an appulse of the Moon to the planet Jupiter, observed at Chelsea.	LIII 31	
— Remarks on the censure of Mercator's chart, in a posthumous work of Mr. West of Exeter.	— 66	
— Account of a remarkable meteor October 6, 1763.	— 351	
— Observations on the eclipse of the Sun, April 1, 1764, at Brompton-Park.	LIV 114	
— A determination of the exact movement of time when the planet Venus was at external and internal contact with the Sun's limb in the transits of June 6, 1761, and June 3, 1769.	LX 65	
DUNTHORNE, RICHARD. On the Moon's motion.	XLIV 412	X 78
— On the acceleration of the Moon.	XLVI 162	— 84
— Thoughts on comets.	XLVII 281	
— Elements of new tables of the motions of the satellites of Jupiter.	LII 105	

	Transf.	Abridg.
DUPONT, ANDREW PETER. Account of a remarkable marine insect	LIII 57	
DUPRE, M. — Account of five pair of muscles which serve for different motions of the head	XXI 130	
— and of a deformed human skull	— 138	III 295
DURANT, J. Account of a subterraneous cavern in Weredale, of the Blue Well near Newcastle upon Tyne, and of a coal mine taking fire	XLIV 221	X 588
DURSTON, WILLIAM, M. D. Account of a very sudden and excessive swelling of a woman's breasts	IV 1047	III 78
— A letter concerning the death of the big-breasted woman, together with what was observed of her body	— 1068	— 79
— An account why the big-breasted woman was not opened after her death	— 1077	— 80
— An account of two odd births	V 1188	— 301
— Anatomical observations on a monstrous birth at Plymouth	— 2098	— —
DUTTON, WILLIAM. Account of a meteor seen at Chigwell-Row, Essex, Oct. 20, 1759	LI 302	
DYER, Rev. — Account of the effects of a storm of thunder and lightning at Looe and Lanreath, in Cornwall, June 27, 1756	L 104	
DYMOND, JOSEPH. Astronomical observations at Prince of Wales's Fort, on the north-west coast of Hudson's Bay	LIX 467	
— Observations on the transit of Venus over the Sun, June 3, 1769, at Prince of Wales's Fort	— 480	
— Observations on the state of the air, winds, weather, &c. at Prince of Wales's Fort, in 1768 and 1769	LX 137	
DYONISIUS of Placcenza. Observations on some animals, and of a strange plant, made in a voyage into the kingdom of Congo	XII 977	— 57

E.

	Transf.	Abridg.
EAMES, JOHN. A remark upon the new opinion relating to the forces of moving bodies, in the case of collision of non-elastic bodies	XXXIV 183	VI 287
— Remarks upon a supposed demonstration, that the moving forces of the same body are not as the velocities, but as the squares of the velocities	— 188	— 289
— Remarks upon some experiments in hydraulics, which seem to prove, that the forces of equal moving bodies are as the squares of their velocities	XXXV 343	— 292
— Extract from the journal books of the Royal Society, concerning magnets having more poles than two	XL 383	VIII 740
EARNSHAW, WILLIAM, M. D. Case of an ulcer in the right groin emitting the forces of the intestines	XV 1204	III 119
EDENS, J. An account of a journey from the port of Oratava, in the island of Teneriffe, to the top of the Pike in that island, in Aug. 1715; with observations made thereon	XXIX 317	V 2 148
EDWARDS, GEORGE. Account of the pheasant of Pennsylvania	XLVIII 499	
— of the lacerta ventre marsupio faucibus merganseris rostrum æmulantibus	XLIX 639	
— of a new discovered species of snipe or tringa	L 255	
— Observations on an evening, or nocturnal solar iris, June 5, 1757	— 293	
— of the frog fish of Surinam	LI 653	
— of a bird supposed to have been bred between a turkey and pheasant	— 833	
— An observation in optics	LIII 229	
— Description of a Chinese pheasant	LV 88	
— of a bird from the East Indies	LXI 55	
EELLES, HENRY. On the cause of thunder	XLVII 524	
— On the cause of the ascent of vapour and ex-		

halation,

	Transf.	Abridg.
halation, and those of winds; and of the general phænomena of the weather and barometer		
EHRHART, BALTHASAR, M. D. Observations in a journey over the Tyrol Alps, with a catalogue of the plants observed	XLIX 124	VIII 768
— On the origin of petrefactions	XLI 547	IX 462
EHRET, GEORGE DIONYSIUS. An account of a species of ophris, supposed to be the plant mentioned by Gronovius, in the Flora Virginica, p. 185	XLIV 163	X 615
— An account of a new Peruvian plant, lately introduced into the English gardens; the several characters of which differ from all the genera hitherto described	LIII 81	
— A description of the andrachne, and its botanical characters	— 130	
EIMMART, G. C. Observations on the variation of the magnetic needle, made at Norimberg, 1685	LVII 114	
— — on the eclipse of the Moon, Nov. 30, 1685	XV 1253	II 609
ELE, MARTIN. An account of the making pitch, tar, and oil out of a blackish stone in Shropshire	XVI 146	I 338
ELIOT, Rev. L. The effects of lightning at Steeple Ashton, and Holt, Wiltshire, June 20, 1772	XIX 544	
ELLICOT, JOHN. The description and manner of using an instrument for measuring the degrees of the expansion of metal by heat	LXIII 231	
— An account of the influence which two pendulum clocks were observed to have upon each other	XXXIX 297	VIII 464
— Observations and experiments	XLI 126	— 246
— On the specific gravity of diamonds	— 128	
— On weighing the strength of electrical effluvia	XLIII 468	X 612
	XLIV 96	— 324
	XLV 195,	— 386
	203, 213	389, 394
— Essays towards discovering the laws of electricity		
— Experiments in order to discover the height to which rockets may be made to ascend, and to what distance their height may be seen	XLVI 578	— 202
— Two methods by which the irregularity of the motion of a clock, arising from the influence of heat and cold upon the rod of the pendulum, may be prevented	XLVII 479	

ELLICOT,

	Transf.	Abridg.
ELLICOT, JOHN. Observations on sand iron	LIII 48	
ELLIS, CHARLES. Account of the physic garden at Amsterdam	XXIII 1416	V 2 11
— of the Friesland boy with letters in his eye	— —	— — 135
— of a young lady born deaf and dumb, taught to speak	— —	— — —
— of F. Lynus's dyals at Leige	— —	— — —
— of Sir John Mandevil's tomb at Leige	— —	— — —
— of the cachol, or rooms cut in the rock of the castle of Namur	— —	— — —
— of the chamber of rarities at Boln	— —	— — —
— of the quarry at Mæstricht	— —	— — —
— That Costerus first invented printing in 1430	— —	— — 11
ELLIS, HENRY. On the use of ventilators in a ship	XLVII 211	
ELLIS, JOHN. Observations on remarkable corallines	XLVIII 115	
— on a cluster polype, found in the sea near the coast of Greenland	— 305	
— on a species of corallines	— 504	
— on the animal life of those corallines that look like minute trees, and grow upon oysters and fucus's all around the sea coast of this kingdom	— 627	
— on M. Schloffer's account of a curious fleshy coral-like substance	XLIX 449	
— A letter attempting to ascertain the tree that yields the common varnish used in China and Japan	— 866	
— An account of a red coral from the East Indies of a very singular kind	L 188	
— Remarks on Baister's observations on corallines, polypus, and other sea animals	— 280	
— Answer to Miller's remarks on Ellis's letter on the toxicodendron	— 441	
— Account of the heat of the weather in Georgia	— 754	
— Experiments relating to the preservation of seeds	LI 206	
— Account of the plants helesia and gardenia	— 929	
— An account of the male and female cochineal insects	LII 661	
— of the sea pen or pennatula phosphorea of Linnæus; likewise a description of a new species of sea pen found on the coast of South-Carolina, with observations on sea pens in general	LIII 419	
— On the nature and formation of sponges	LV 280	
— Account of an amphibious bipes	LVI 189	
— A letter on the coluber cerastes, or horned viper of Egypt	— 287	

	Transf.	Abridg.
ELLIS, JOHN. A supplement to the account of an amphibious bipes - - -	LVI 307	
— Account of the animal nature of the genus of Zoophytes called corallina - -	LVII 404	
— An account of the actinia sociata, or animal flower, lately found on the sea coasts of the new ceded islands - - -	— 428	
— Account of the success of some experiments for preserving acorns for a whole year without planting them, so as to be in a state fit for vegetation, with a view to bring over some of the most valuable seeds from the East Indies, to plant for the benefit of our American Colonies - -	LVIII 75	
— Observations on a particular manner of increase in the animalcula of vegetable infusions, with a discovery of an indissoluble salt, arising from hemp seed, put into water till it becomes putrid - - -	LIX 138	
— The figures and characters of that elegant American evergreen, called by the gardeners Loblolly Bay, taken from blossoms blown near London - -	LX 518	
— An account of a new species of illicium Linnæi, or starry anniseed tree, lately discovered in West Florida - - -	— 524	
— On the nature of Gorgonia, that it is a real marine animal, and not of a mixed nature between animal and vegetable - -	LXVI 1	
ELSTGBB, —. Observations on an eclipse of the Moon, Dec. 12, 1749, made at Earith near St. Ives, Huntingdonshire - -	XLVI 280	X 91
ELTON, JOHN. The description of a new quadrant for taking altitudes without an horizon either at sea or land - - -	XXXVII 273	
ENT, SIR GEORGE, M. D. Account of a worm voided by urine - - -	XII 1009	III 135
— An essay tending to make a probable conjecture of temper, by the modulations of the voice in ordinary discourse - - -	— 1010	— 61
— Observations on the weight of a land tortoise when he went into the ground at autumn, and when he came out at spring, for several years - -	XVII 533	II 825
L'EPINASSE, C. A description of an approved apparatus for performing electrical experiments - -	LVII 186	
ESTANCE, VALENTIN. Observations on the comet seen in 1658, at Brasil - - -	IX 91	I 370
ETTRICK, HENRY. The description and draught of		

	Transl.	Abidg.
a machine for reducing fractures of the thigh	LI 362	IX 254
EVATT, REV. SAMUEL. An account of a remarkable monument found near Ashford in Derbyshire	LII 544	
EVELYN, JOHN. Description of the Spanish sembrador, or new engine for ploughing, sowing, and harrowing	V 1056	
— Account of the damage done in his garden by the preceding winter	XIV 559	II 153
EULER, LEONARD. Account of the discoveries of the Ruffians, on the north east coast of Asia	XLIV 421	X 251
— On the gradual approach of the Earth to the Sun	XLVI 203	— 141
— On the contraction of the orbits of the planets	— 356	— 142
— An account of a prize of one hundred ducats offered by the Academy of Sciences at Petersburg for the best answer to the question "Whether the theory of Sir Isaac Newton is sufficient to explain all the irregularities which are found in the motion of the Moon"	XLVII 263	
— Description of a new instrument for taking small angles	XLVIII 178	
— On his theorem for correcting the aberrations in the object glasses of refracting telescopes	— 287	
— A deduction of the quantity of the Sun's parallax from the comparison of the several observations of the late transit of Venus made in Europe, with those made in George Island in the South sea	LXII 69	
EUSTACHIUS, —. Observations on an eclipse of the Moon, Sept. 8, 1718, in Italy	XXXIII 75	VI 187
EXIMENUS, ANTHONY. Observation on the transit of Venus over the Sun, June 6, 1761, at Madrid	LII 251	

F.

	Transf.	Abridg.
FABRITIUS, —, M. D. Some new experiments of injecting medicated liquor into the veins, together with the considerable cures performed thereby	II 564	III 234
FACIO, NICHOLAS. A vindication of his problem for finding the solid of least resistance	XXVIII 172	
FAGE, M. LA. An account of an extraordinary aneurism of the arteria aorta, near the bases of the heart	XXII 696	
FAGET, M. —. On the use of the styptics purchased by his most Christian Majesty	XLVII 560	
FAHRENHEIT, DANIEL GABRIEL. Experiments about the degree of the heat of some boiling liquors	XXXIII 1	VI 2 49
— Experiments and observations of the freezing of water in vacuo	— 78	— - 51
— The specific gravities of certain matters discovered at different times for various purposes	— 114	VI 329
— Description and use of a new aerometer	— 140	— 326
— A description of a new barometer	— 179	VI 2 28
FAIRCHILD, THOMAS. An account of some new experiments relating to different, and sometimes contrary, motion of the sap in plants and trees	— 127	— - 352
FAIRFAX, NATHANIEL. Observations on some insects and their innoxiousness	I 301	
— Account of hailstones of an unusual bigness	II 481	
— Observations on an human body dead of odd diseases	— 546	III 76
— Instances of peculiarities of nature both in men and brutes	— 549	— 191,
— Account of a bullet voided by urine	III 803	287
FANTONI, PIO. An algebraic problem, and of the solution of a certain mechanic curve amongst infinite hypermechanics which prove a determinate equation	LVII 358	— 160
FARISH, Rev. —. Of the stilling of waves by means of oil	LXIV 445	

FARLEY,

	Transf.	Abridg.
FARLEY, —. On the effects of the quassi root in fevers, at Antigua	LVIII 80	
FARR, WILLIAM, M. D. Observations on the barometer, thermometer, and rain, in 1767, at Plymouth	— 136	
— — 1768, at Plymouth	LIX 81	
— — 1775, at Bristol	LXVI 367	
— — 1776, at Bristol	LXVII 353	
— — 1777, at Bristol	LXVIII 567	
— — 1778, at Bristol	LXIX 551	
FARRINGTON, Rev. —. Account of the charr-fish, in North Wales	XLIX 210	
FAUQUIER, WILLIAM. An account of an extraordinary storm of hail in Virginia, July 9, 1758	L 746	
FAWLER, JOHN. An account of the cure of two sinuous ulcers possessing the space of the whole arm, with extraordinary supply of a callus, which fully answers the purposes of the os humeri, lost in the time of cure	XXV 2466	V 388
FAY, M. DU. Letter on electricity	XXXVIII 258	VIII 393
FELTON, SAMUEL. Account of singular species of locusts and wasps	LIV 53	
FERGUSON, JAMES. An improvement of the celestial globe	XLIV 535	X 156
— A description of an instrument to describe solar eclipses	XLVIII 520	
— A delineation of the transit of Venus, expected in 1769	LII 130	
— Account of a remarkable fish taken in the King's Road, near Bristol	— 170	
— Account of an eclipse of the Sun, April 1, 1764	— 240	
— Description of a new and safe crane, which has four different powers	LIV 24	
— Observations on the eclipse of the Sun, April 1, 1764, at Liverpool	— 108	
— Description of a new hygrometer	— 259	
— Short and easy methods for finding the quantity and weight of water contained in a full pipe of any given height and diameter of bore	LV 61	
— Short and easy methods for finding the quantity of time contained in any given number of mean lunations, and the number of mean lunations in any given quantity of time	— —	
— Short and easy methods for finding the number of troy pounds contained in any given number of averdupoise pounds, and vice versa	— —	

	Transf.	Abridg.
FERGUSON, JAMES. A new method of constructing sun-dials for any given latitude, without the assistance of dialing scales, or logarithmic calculations	LVII 389	
FERGUSON, JOHN. Account of the extirpation of part of the spleen of a man	XL 425	IX 149
FERN, —, M. D. History of a remarkable foetus without the womb	XXI 121	III 214
FERNER, BENEDICT. Observations on the transit of Venus over the Sun, June 6, 1761, in and near Paris	LII 421 LIX 404	
— — June 3, 1769, at Stockholm	XXXII 2	
FEUILLÉE, PERE. The longitude of Buenos Ayres determined	XLIV 325	XI 909
FIDGE, WILLIAM. Account of a stone taken out of the bladder of a dog, with a piece of dog-grass in its center	XXXH 78	VII 508
FIELD, REV. JAMES. Two cases of wounds in the stomach	XXVI 317	V 205
FIELDING, ROBERT, M. D. Narrative of the shot of Dr. Robert Fielding with a musket bullet, and its strange manner of its coming out of his head, where it had lain near 30 years, written by himself	L 53	
FITZGERALD, KEANE. Experiments on applying the Rev. Dr. Hale's method of distilling salt water to the steam engine	— 370	
— Farther experiments for encreasing the quantity of steam in a fire engine	— 727	
— An attempt to improve the manner of working the ventilators by the help of the fire engine	LI 823	
— Description of a metalline thermometer	LII 71	
— Experiments on checking the too luxuriant growth of fruit trees, tending to dispose them to produce fruit	— 146	
— A description of a new thermometer and barometer	LIII 139	
— A method of lessening the quantity of friction in engines	LX 74	
— An account of some improvements made on a new wheel barometer, invented by him	IV 1099	I 453
FLAMSTEAD, JOHN. An account of such more notable celestial phænomena of the year 1670, as will be conspicuous in the English horizon		
— The appulses of the Moon to Saturn and the fixed stars, observable in the year 1671, foretold,		

	Transf.	Abridg.
and reduced to the meridian and Latitude of London	V 2029	I 453
FRAMSTED, JOHN. Lunæ et fixarum appulsus visibiles, necnon arctiones juxta eas transitus observabiles. A. 1672 prædicti, et ad meridianum latitudinemque Londini e. Tabulis Catolinis accuratè supputati	VI 2297	
— Observations touching some late appearances of Saturn	— 3034	— 366
— Appendix to the paper concerning some appulses to the Pleiads in 1672	VI 3061	— 348,
— Astronomical observations partly already made and partly to be made	VII 5034	385, 424
— Observations of Jupiter's transit near two fixt stars in February and March 1671, at Derby	— 4038	
— On the appulses of the moon for 1673, and the other planets to the fixed stars; together with an observation on the planet Mars	— 5118	— 424
— Some more accurate observations about Jupiter's transit near fixed stars; useful for determining the inclination of that planet to the ecliptique	VIII 6033	— 381 401
— New observations, made after a new and accurate way, of the farthest elongations of the Medicean stars from the center of Jupiter; together with some other uncommon ones concerning the diameter of the planets, and their distances from fixed stars, as also of the parallax of Mars, &c.	— 6094	
— The appulses of the Moon and other planets to the fixt stars predicted for 1674	— 6162	III 149
— Account of an instrument to shew the Moon's true place to a minute or two; as also the writer's design of correcting the hitherto assigned motions of the Sun; the other touching the necessity of making new solar numbers, together with an expedient of making trial whether the refractions in Signor Cassini's table be just	IX 219	I 162 453
— Observations on the eclipse of the Moon, Jan. 1, 1674-5, at Derby	— 237	I 308
— Letter on Mr. Horrox's lunar system	X 368	— 453
— Account of a total eclipse of the Moon, June 26, 1675	— 371	— 314
— Answer to a letter proposing a new place for the		

	Transf.	Abridg.
first meridian, and pretending to evince the equality of all natural days, as also to shew a way of knowing the true place of the moon	X 429	1270, 556
FLAMSTEAD, JOHN. Observations on the lunar eclipse, Dec. 21, 1675	— 495	— 316
— Answer to M. Cassini's considerations on Flamstead's account of the lunar eclipse of Dec. 21, 1675	XI 565	— 562
— Observations on the eclipse of the sun, June 11, 1676	— 662	— 225
— — on the spots of the sun, in July and August, 1676	— 687	— 278
— — on Mars covered by the Moon, August 21, 1676, at Greenwich	— 723	
— — on the comet of April and May, 1677, at Greenwich	XII 873	— 445
— A correct tide table, shewing the exact time of high water at London Bridge, on every day in 1683	XIII 10	II 365
— Account of the foregoing table	— 12	— 263
— Observations on the eclipse of the Moon, Feb. 11, 1682	— 89	I 326
— An account of three late conjunctions of Saturn and Jupiter, within the space of seven months; together with an account of what other conjunctions of them have happened for more than 100 years last past, beginning at 1563; and a table computed, whereby to make an estimate what other conjunctions have happened for the time past, or what will happen for the time to come	— 244	— 389
— An account of the eclipses and ingresses of Jupiter's satellites into his shadow, and such emersions of them as will be visible at Greenwich in the last three months of 1683	— 322	
— Account of the eclipse of Saturn's satellites for 1683, with a catalogue of them, and informations concerning its use	— 404	— 453
— A tide table of high water at London Bridge, in 1684, with directions for the use of it	XIV 458	II 365
— An account of a spot seen in the Sun from April 25 to May 8, 1683, with a line of its course predicted if it make a second return	— 535	I 279
— Account of a small lunar eclipse on June 16, 1684, observed at Greenwich	— 689	— 334
— Observations on an eclipse of the Sun, July 2, 1684, at Greenwich	— 691	— 291

FLAMSTEAD,

	Transf.	Abridg.
FLAMSTEAD, JOHN. Calculation of the same eclipse, according to the Philolaic tables -	XIV 693	
— Account of the eclipses of Jupiter's satellites for 1685, with a catalogue of them, and information concerning its use -	— 760	I 557
— Table of high water at London Bridge for 1685, with directions -	— 821	II 365
— An account of the eclipses of Jupiter's satellite for 1686, and a table of the parallaxes of Jupiter's orb; and an ephemeris of Jupiter's geocentric places for the same year -	XV 1215	I 453 563
— Table of high water at London Bridge for 1686 -	— 1226	II 365
— Description and uses of an instrument for finding the distances of Jupiter's satellites from his axis with the help of the table of parallaxes and catalogue of eclipses, printed in the preceding Transactions -	— 1262	I 404
— Observations on the eclipses of the Moon, Nov. 30, 1685 -	XVI 199	— 338
— Calculation of the eclipses of Jupiter's satellites for 1687, &c. -	— —	
— Table of high water at London Bridge for 1687 -	— 232	
— — 1688 -	— 428	
— A catalogue of all the eclipses of Jupiter's satellites visible in 1688 -	— 435	— 559
— Observations on an eclipse of the Sun, May 12, 1706, at Greenwich -	XXV 2237	IV 249
— Astronomical observations at Greenwich in 1711, 1712 -	XXVIII 65	— 281
— British astronomical observations made at Greenwich in 1713 -	XXIX 285	— 291
FLEMING, MALCOLM, M. D. Some observations proving, that the fœtus is in part nourished by the liquor amnii -	XLIX 254	
FLOWERS, S. Exact draughts of several unknown characters, taken from the Ruins at Persepolis -	XVII 775	III 526
— A paper containing some unknown ancient characters, with remarks therein by Francis Aston -	— 872	— 530
FLOYD, EDWARD. Account of locusts lately observed in Wales -	XVIII 45	II 777
— An account of the burning of several hay ricks by a fiery exhalation or damp; and of the infectious quality of the grafs of several grounds -	— 49	— 181
FLOYER, Sir JOHN. A relation of two monstrous pigs, with the resemblance of human faces -	XXI 431	— 900

FLOYER,

	Transf.	Abridg.
FLOYER, Sir JOHN. An account of two young turkies joined together by their breasts	XXI 434	I 898
— Observations on the clafs of sweet tastes, made by comparing the tastes of sweet plants, with Mr. L'Emery's chymical analysis of them in his treatise of drugs	XXXIII 1160	V 426
FOGELIUS, ———. Observations on an eclipse of the Moon, Sept. 8, 1671	VI 3033	I 308
— — on the spots of the Sun, returned Nov. 1, 1671	— —	— 277
FOLEY, SAMUEL, D. D. Account of the Giants Causeway, in Ireland	XVIII 170	II 512
FOLKES, MARTIN. Account of an aurora borealis, seen March 30, 1716, at London	XXX 586	IV 2 154
— — of Mr. Leeuwenhoek's curious microscope	XXXII 446	VI 129
— An account of the standard measures preserved in the capital at Rome	XXXIX 262	IX 486
— An observation of three mock-suns, seen at London, Sept. 17, 1736	XL 59	
— On the fresh water polypus	XLII 422	VIII 29
— An account of some human bones incrufted with stone, now in the Villa Ludovisia at Rome	XLIII 557	X 598
— A remark on F. Hardouin's amendment of a passage in Pliny's Nat. Hist. lib. II. §. 74	XLIV 365	XI 1378
— Account of the earthquake at London, March 8, 1749-50	XLVI 613	X 492
— — at Kenfington, from the account given by Thomas Burrat	— 681	
— Account of the shock of an earthquake felt at Newton, in Northamptonshire, Sept. 30, 1750	— 701	— 514
FONTANA, Abbe. Experiments and observations on the inflammable air breathed by various animals	LXIX 337	
— Account of the airs extracted from different kinds of waters; with thoughts on the salubrity of the air at different places	— 432	
— Memoir concerning the American poison called Ticunas	LXX 163	
— Translation	— ix	
FOOT, DANIEL, M. D. Some reflections made on the enlarged account of Dr. Wittie's answer to hydrologia chymica, chiefly concerning the cause of the sudden loss of the virtues of mineral waters	IV 1050	II 365
FORBES, GEORGE, M. D. An account of the patella or limpet fish of Bermuda	L 859	

	Transf.	Abridg.
FORD, JAMES. An account of the success of agaric, and fungus vinosus, in amputations	XLIX 93	
FORDYCE, GEORGE, M. D. Of the light produced by inflammation	LXVI 504	
— Examination of various ores in the museum of Dr. W. Hunter	LXIX 529	
— A new method of assaying copper ore	LXX 30	
FORSTER, Rev. JOHN. Account of an earthquake at Taunton	XLV 398	
FORSTER, JOHN REINHOLD. A specimen of the natural history of the Volga	LVII 312	
— Account of a new map of the river Volga	LVIII 214	
— The management of carp in Polish Prussia	LXI 310	
— Account of the roots used by the Indians in the neighbourhood of Hudson's Bay, to dye porcupine quills	LXII 54	
— Account of several quadrupeds from Hudson's Bay	— 370	
— An account of birds sent from Hudson's Bay; with observations relative to their natural history; and Latin descriptions of some of the most uncommon	— 382	
— An account of some curious fishes from Hudson's Bay	LXIII 149	
FORSTER, Rev. RICHARD. Extract from the register of the parish of Great Shefford in Berkshire, for ten years, with observations	L 356	
— On the number of people in England	— 457	
— An account of a meteor seen at Stafford in Berkshire, Oct. 20, 1759; with some observations of the weather of the preceding winter	LI 299	
— Observations on noxious animals in England	LII 475	
FORSTER, THOMAS. Account of a new island lately raised out of the sea near Tercera	XXXII 100	VI 2 203
FORTH, HENRY. Account of a storm, Jan. 8, 1734-5, at Darlington	XXXIX 285	
FOTHERGILL, ANTHONY, M. D. Observations during the frost of Jan. 1776, at Northampton	LXVI 587	
— Account of the cure of St. Vitus's dance by electricity	XLIX 1	X 774
FOTHERGILL, JOHN, M. D. On the origin of amber	XLIII 21	XI 1299
— Observations on the Manna Persicum	— 86	—
— With additions in the abridgement		
— Observations on a case published in the last volume of the medical essays, &c. of the recover-		

	Transl.	Abridg.
ing a man dead in appearance by distending the lungs with air	XLIII 275	XI 969
FOTHERGILL, JOHN, M. D. History of a split diaphragm in a child of ten months, accompanied with part of the intestines being thrown into the thorax	XLIV 11	XI 1078
— Observations and experiments made in Siberia, extracted from the preface to the Flora Sibirica	XLV 248	— 1333
— Account of the magnetical machine contrived by Dr. Knight	LXVI 591	
FOUCHY, JOHN PAUL GRANDOCHAMP. Astronomical dissertation on the lunar atmosphere	XLI 261	VIII 172
FOUQUET, JOH. FR. An explanation of the new chronological table of the Chinese history	XXXVI 397	VII 4 13
FOURNEAUX, Capt. Account of a musical instrument brought from the isle of Amsterdam in the South Seas, 1774	LXV 67	
FOWKE, General. Observations on the earthquake of Lisbon, Nov. 1, 1755, made in Barbary	XLIX 428	
FRACASSATI, CHARLES. Experiments of injecting liquors into the veins of animals	II 490	III 232
— Experiments upon blood grown cold	— 493	— 456
— Confirmation of the experiments of injecting liquors, &c.	— 551	
— An observation about the epiploon or the double membrane, which covers the entrails of animals and is filled with fat	— 553	II 658
FRANKLIN, BENJ. On the effects of lightning	XLVII 289	
— Account of an electrical kite	— 565	
— Electrical experiments made in pursuance of those of Mr. Canton, dated Dec. 3, 1753, with explanation by Franklin	XLIX 300	
— Extract of a letter concerning electricity	— 305	
— On the effects of electricity in paralytic cases	L 481	
— Remarks on Beccaria's experiments in electricity	L1 525	
— Account of Mr. Canton's experiments in electricity	LII 456	
— Meteorological and physical observations, conjectures, and suppositions	LV 182	
— Observations on the transit of Mercury over the Sun, Nov. 9, 1769	LXI 51	
— On pointed conductors	LXII 166	
— On the stilling of waves by oil	LXIV 445	
FRASER, JAMES. Account of Lake Nefs, &c.	XXI 230	II 322 III 538
FREEMAN, —. Case of a lady who had stones under her tongue	XLVI 5	II 959

	Transf.	Abridg.
FREEMAN, —. Account of an earthquake, Feb. 8, 1749-50, at Eltham - -	XLVI 605	X 491
— On the ruins of Herculaneum - -	XLVII 131	
FREIND, JOHN, M. D. Case of a hydrocephalus	XXI 318	III 28
— Case of an extraordinary cramp -	XXII 799	V 208
— A vindication of his chymical lectures wherein the objections (in the Leipzig Transactions, Sept. 1710) brought against the attractive force of matter, are removed -	XXVII 330	— 428
FREKE, JOHN. Case of an extraordinary exostosis on the back of a boy -	XLI 369	IX 235
— Description of an instrument for reducing a dislocated shoulder -	XLII 556	— 264
— A letter, inclosing a paper of the late Rev. Mr. Creed, concerning a machine to write down extempore voluntaries, or other pieces of music -	XLIV 445	X 265
— An extraordinary case of a fracture of the arm	XLVI 397	XI 1108
FREWEN, T. An account of the condition of the town of Hasting's, after it had been visited by the small pox -	XXXVII 108	VII 632
— Case of a patient, who voided a large stone through the perinæum from the urethra	LII 258	
— Case of a young man stupified by the smoke of sea coal -	— 254	
FROBENIUS, SIGISMOND AUGUSTUS, M. D. An account of a spiritus vini æthereus, together with several experiments tried therewith	XXXVI 283	VII 744
— Abstract of the papers communicated to the Royal Society, concerning his spiritus vini æthereus -	XLI 864	IX 379
FROIDOUR, M. DE. Some additions to the narrative about the conjunction of the ocean and Mediterranean, by a channel in France -	VII 4080	III 683
FULLER, JOHN. A strange effect of the great storm in Suffex in 1703 -	XXIV 1530	
FULLER, ROSE, M. D. Observations on the comet of 1736-7, at Jamaica -	XL 122	VIII 215
— The effects of Dampier's powder in curing the bite of a mad dog -	— 272	IX 224
— Observations on remarkable red lights seen in the air, Dec. 5, 1737, in Suffex -	XLI 606	
— A description of a large lake called Malholme Tarn, near Skipton in Craven, Yorkshshire	— 612	VIII 641
— A account of a violent hurricane in Huntingdonshire, Sept. 8, 1741 -	— 851	— 491

	Transf.	Abridg.
FULLER, ROSE, M. D. Account of a fire ball seen in the air; and of an explosion heard, Dec. 11, 1741, in Suffex	XLI 871	VIII 523
FYNNEY, FIELDING BEST. Case of Ann Davenport	LXVII 458	

G.

GABRY, PETER. Account of an aurora borealis observed at the Hague, Feb. 27, 1750	XLVII 39	
— Observations on the comet of May 1756, made at the Hague	LIII 3	
— — of a fiery meteor seen at the Hague, Dec. 21, 1758	— 5	
GAERTNER, JOSEPH, M. D. Account of the urtica marina	LII 75	
GAILHARD, —, Jun. M. D. Observations upon different maladies	XIX 717	III 288
GALE, BENJAMIN, M. D. Historical memoirs, relating to the practice of inoculation for the small pox in the British American Provinces, particularly in New England	LV 193	
— An account of the successful application of salt to wounds made by the bite of rattle snakes	— 244	
GALE, ROGER. A discourse occasioned by an inscription found at Langcheſter in the Biſhoprick of Durham	XXX 823	V 2 50
— An account of a Roman inſcription, found at Chicheſter	XXXII 391	VII 4 23
— A copy of an ancient chirograph, or conveyance of part of a ſepulchre, cut in marble, lately brought from Rome; with ſome obſervations upon it	XXXIX 211	IX 433
— On the vegetation of melon feed 33 years old	XLIII 265	X 761
— An account of a foſſil ſkeleton of a man found near Bakewell in Derbyſhire	— 266	— 793
GALLET, M. An obſervation of the ſolar eclipse, June 11, 1676, at Avignon	XII 1020	I 289
GANDOLPHE, M. Obſervations upon incifions of the cornea	XXVI 387	V 286
GARCIN, LAURENCE, M. D. Remarks on the family of plants called Muſa	XXXVI 377	VI 2 361

	Transf.	Abridg.
GARCIN, LAURENCE, M. D. Description of a new family of plants called Oxyoides	XXXVI 377	VI 2 357
— of the hirundinella marina, or sea leach	—	VII 418
— The settling of a new genus of plants called, after the Malaysans, Mangostans	XXXVIII 232	VIII 755
— On the cyprus of the antients	XLV 564	X 741
— The establishment of a new genus of plants, called Salvadora, with its description	XLVI 47	— 699
GARD, Rev. SAMUEL, DU. A relation of a strange kind of bleeding in a little child	IX 193	
GARDEN, ALEXANDER, M. D. Account of the electrical ecl	LXV 102	
GARDEN, GEORGE, M. D. Account of a man of a strange imitating nature	XII 842	III 8
— of several human calculus's of an unusual bigness	— 843	— 150
— A discourse concerning weather	XV 991	II 118.
— On the proboscis of bees	— 1148	
— On the causes of several winds	—	— 129
— On the modern theory of generation	XVII 474	— 907
— Account of a thunder storm near Aberdeen	XIX 311	— 715
— On the caterpillars that destroy fruit	XX 54	— 759
— Account of a stone cut from a child having a flint within it	XXII 689	III 164
GAUBILL, Father. Of the knowledge of geography amongst the Chinese	XLVI 327	X 255
— Account of the paper money current among the Chinese	—	XI 1364
— Two letters concerning the Chinese chronology and astronomy	XLVIII 309	
— A description of the plan of Pekin	L 704	
GAZE, JOHN. Case of a boy troubled with convulsions cured by the discharge of worms	— 521	
GEACH, FRANCIS. Case of a man who had six stones taken out of the gall bladder	LIII 231	
— Case of a man wounded in the left eye with a small sword	— 234	
GENNES, M. DE. A new invention of a clock ascendant on a plane inclined	XII 1006	I 468
— A new engine to make linen cloth without the help of an artificer	— 1007	— 501
GEOFFRY, M. On the mineral water of St. Amand near Tournay and Valenciennes	XX 430	II 334
— A way to make two clear spirituous inflammable liquors, which differ very little in taste and smell, and being mixed together, do give a fine carnation colour, without either sensible		

	Transf.	Abridg.
fermentation or alteration	XXI 43	III 367
GEOFFROY, M. Account of the new regulations in the Royal Academy of Sciences at Paris	— 144	II 252
— The exact quantity of acid salts contained in acid spirits	XXII 530	
— Observations upon the dissolutions and fermentations which we may call cold, because they are accompanied with a coolness of the liquors into which they pass	— 951 — 902	IV 2 10
— Account of a new thermometer		
— Experiments upon metals, made with the burning glass of the Duke of Orleans	XXVI 374	IV 190
— Account of Mr. Seignette's sal polychrestus rupelensis, and some other chemical salts	XXXIX 37	IX 393
— Method of making soap lees and hard soap for medicinal uses	XLII 71 — 627	— 368 — 317
— Account of a child of a monstrous size	XLVII 273	
— On the effects of the vitrum antimonii ceratum		
GERMAIN, St. —. Observations on the transit of Venus over the Sun, June 3, 1769, near Quebec	LIX 247	
GERSTEN, CHRISTIAN LEWIS. Description and use of an arithmetic machine, invented by him	XXXIX 79	VIII 16
— A new method of calculating eclipses, particularly of the earth, and of any appulses of the Moon to planets and fixed stars	XLIII 22	X 55
— Observations on Mercury seen over the Sun, Nov. 5, 1743, at Giesla	XLIV 376	— 104
— A description of an astronomical mural quadrant freed from many inconveniences	— 507	— 143
GHISLIERI, Marq. ANTHONY. Observations made in Italy of an eclipse of the Moon, Sept. 8, 1718	XXXIII 77	VI 189
GIEBONS, WILLIAM, M. D. An account of a red colour reduced by mixture of a sulphureous spirit with a volatile alkali	XIX 542	I 214 III 367
GILES, —. History of a tumour in the lower part of the belly	— 420 — 472	— 58
— The original of a polypus		
GILKES, MORETON. Account of the petrefactions near Matlock Baths in Derbyshire; with conjectures concerning petrefactions in general	XLI 352	VIII 707
GLANVILL, JOSEPH. Answer to some inquiries concerning mines	II 525 III 767 IV 977	II 573 — 574 — 336
— Additional answers		
— Observations on the Bath springs		
GLASS, SAMUEL. Case of an uncommon dropsy from the want of a kidney; and a large sacculus that contained the water	XLIV 733	XI 1027 GLENIE,

	Transf.	Abridg.
GLENIE, JAMES. Propositions selected from a paper on the division of right lines, surfaces and solids	LXVI 73	
— The general mathematical laws which regulate extend proportion	LXVII 450	
GLOVER, THOMAS. An account of Virginia, its situation, temperature, productions, inhabitants, and their manner of planting and ordering tobacco, &c.	XI 623	III 566
GMELIN, PHILIP FREDERIC. Medico-physical observations on ipecacuanha	XLIII 382	X 761
— Observations on some imperfections of sight through compound microscopes	— —	— —
GODDARD, JONATHAN, M. D. Observations on aameleon	XII 930	II 816
— Experiments of refining gold with antimony	— 953	— 595
GODDEN, MICHAEL. Account of the irregularities of the tides at Chatham	XLIX 523	
GODFREY, AMBROSE. Experiments on the phosphorus urinæ	XXXVIII 58	IX 373
— Examination of West Ashton well water	XLI 828	VIII 629
GOOCH, BENJAMIN. Account of the cuticular glove	LIX 281	
— On aneurisms in the thigh	LXV 378	
— On an amputation above-knee by the single circular incision	LXV 482	
GOODRICH, —. Account of a great number of stones found in one bladder	II 482	III 149
GOODYEAR, AARON. A relation of the symptoms that attended the death of Mr. R. Burdett, an English merchant of Aleppo, who was killed by the bite of a serpent	XX 351	II 813
GORDON, PATRICK. Account of a water spout observed in the Downs	XXII 805	IV 2 303
GORDON, WILLIAM. Of a fire ball seen Dec. 11, 1741	XLII 58	VII 525
GOREE, Father. A relation of a new island, which was raised up from the bottom of the sea, on the 23d of May 1707, in the Bay of Santorini, in the Archipelago	XXVII 354	
GORSUCH, REV. WILLIAM. An extract from the register of Holy Cross, in Salop, from Michaelmas 1760, to Michaelmas 1770	LXI 57	
GOSTLING, REV. WILLIAM. Account of a fireball seen in the air and an explosion heard, Dec. 11, 1741, in Kent	XLI 872	VIII 524
— Account of three mock Suns seen December 19, 1741	XLII 60	— 525

	Transf.	Abridg.
GOTTWALD, JOHN CHRISTOPHER, M. D. A description of the plague at Dantzick in 1709	XXVIII 101	
GOULD, W. An account of the increase of weight in oil of vitriol exposed to the air	XIV 496	II 534
— An account of a polypus found in the heart of a person who died epileptical	— 537	I 279 III 70
GOURDON, Sir ROBERT. A receipt to cure mad dogs, or men or beasts bitten by mad-dogs	XVI 298	— 283
— Account of the remains of the observatory of the famous Tycho Brahe	XXII 691	I 216
— Account of a cataract near Gottenburg	— —	II 325
GRAEFF, REGNERUS DE. Observations on the organs of generation	IV 1043	III 192
GRÆME, WILLIAM, M. D. Account of the operation of Bronchotome	XXXVI 448	V II 496
GRAHAM, GEORGE. Observations of an extraordinary height of the barometer, December 21, 1721	XXXI 222	VI 2 28
— of an eclipse of the sun, November 27, 1722, at London	XXXII 198	VI 171
— made of the variation of horizontal needle at London, in the latter part of the year 1722, and beginning of the year 1723	XXXIII 96	VI 2 290
— on the dipping needle made at London 1723	— 332	— 28
— A contrivance to avoid the irregularities in a clock's motion, occasioned by the action of heat and cold upon the rod of the pendulum	XXXIV 40	VI 297
— An observation on the eclipse of the Moon, Nov. 20, 1732, made at London	XXXVIII 88	
— of an eclipse of the Sun, May 2, 1733, at London	— 113	VIII 135
— made in London by Mr. Graham, and at Black River in Jamaica, by Colin Campbell, concerning the going of a clock, in order to determine the difference between the lengths of isochronal pendulums in those places	— 302	VII 238
— Description and use of an instrument for taking the latitude of the place at any time of the day	— 450	VIII 371
— Observations on an eclipse of the Moon, March 15, 1735-6, at London	XL 14	— 164
— of an eclipse of the Sun, Sept. 8, 1736 at London	— 92	
— of an occultation of Mars by the Moon, Oct. 7, 1736, at London	— 100	— 186

	Transf.	Abridg.
GRAHAM, GEORGE. Observations of the transit of Mercury over the Sun, October 31, 1736, at London	XL 102	VIII 194
— on an eclipse of the Sun, February 18, 1736-7, at London	— 175	— 139
— of an eclipse of the Sun, Aug. 4, 1738, at London	XLI 91	— 153
— of an occultation of Aldebaran by the Moon, Dec. 12, 1738	— 632	— 135
— of an eclipse of the Moon, January 2, 1740	— 633	— 172
— of an occultation of Jupiter, and his satellites by the Moon, Oct. 28, 1740	— 647	— 184
— Case of a large quantity of matter or water contained in cystis's or bags adhering to the peritonæum and not communicating with the cavity of the abdomen	— 7c8	IX 187
— An account of a comparison lately made by some gentlemen of the Royal Society of the standard of a yard, and the several weights lately made for their use; with the original standards of measures and weights in the Exchequer, and some others kept for public use, at Guildhall, Founders Hall, the Tower, &c.	XLII 541	— 491
— An account of the transit of Mercury over the Sun, Oct. 25, 1743	— 578	VIII 202
— of the eclipse of the Moon, October 22, 1743	— 580	— 172
— Some observations made during the last three years of the quantity of the variation of the magnetic l. zontal needle to the westward	XLV 279	X 698.
GRAMONT, FATHER. Account of the kang or Chinese stoves	LXI 61	
GRANDI, JACOME. Account of two odd births	V 1188	III 301
GRANDIS, GUIDO. On the nature and properties of found	XXVI 270	IV 414
— A handful of geometrical flowers exhibited to the Royal Society	XXXII 355	VI 67
GRAVES, JOHN. Manner of hatching chickens at Cairo	XII 923	II 581
GRAY, Sir JAMES. Account of the late discoveries at Herculanæum	XLVIII 825	
GRAY, JOHN. An account of the Peruvian bark extracted from some papers of William Arror, who had gathered it in Peru	XL 81	VIII 776
GRAY, STEPHEN. On making water subservient to		

	Transf.	Abridg.
the viewing both near and distant objects, with the description of a natural reflecting microscope	XIX 539	I 195 — 209 III 653 I 209
— Microscopical observations and experiments	— 280	— 214
— Further account of his water microscope	— 353	— 214
— Experiments about making a concave speculum nearly of a parabolic figure	— 787	— 214
— A way of measuring the height of Mercury in the barometer more exactly	XX 176	II 12
— An observation of some parheli seen at Canterbury, Feb. 6, 1692-3	XXI 126	— 187
— — of an unusual parheliion and halo, April 7, 1699	XXII 535	— 188
— Observations on the fossils of Reculver Cliff	— 762	IV 461
— Method of drawing the meridian line, by the pole star, and finding the hour by the same	— 815	— 462
— Observations of the spots in the Sun in June 1703	XXIII 1502	— 229
— — on an eclipse of the Sun, May 12, 1706, at Canterbury	XXV 2238	— 250
— New electrical experiments	XXXI 104	VI 2 7
— Several experiments in electricity	XXXVII 18	— 9
— On the electricity of water	— 227	— 22
— Experiments in electricity	— 285	— 139
— Experiments in electricity	— 397	VII 4 90
— Experiments in electricity	XXXIX 16	VIII 397
— Experiments in electricity	— 166	— 401
— Experiments in electricity	— 220	— 404
— Electrical experiments	— 400	— 404
GREAVES, —. Experiments for trying the force of great guns	XV 1090	I 495
GREAVES, JOHN. Account of the latitude of Constantinople and Rhodes	— 1295	— 564
— Reflections upon the report made by Lord Treasurer Burleigh to the Lords of the Council, of a consultation had, and the examination of the plain and brief discourse by John Dee for reforming the calender	XXI 356	— 405
GREEN, CHARLES. Astronomical observations at King George's Island in the South Seas	LXI 397	
GREEN, JOHN, M. D. Relation of a girl three years old who remained a quarter of an hour under water without drowning	XLII 166	IX 241
— Account of an earthquake felt Aug. 23, 1750, at Spalding, Lincolnshire	XLVI 725	

GREEN,

	Transf.	Abridg.
GREEN, WILLIAM. Account of a very extraordinary effect of lightning on a bullock	LXVI 49	
GREENHILL, THOMAS. Relation of four extraordinary medico-chirurgical cases	XXII 617	III 93 113
— An abstract of <i>Nuxvomica</i> , or the art of embalming	XXIV 1101	
GREENWOOD, ISAAC. A new method of composing a natural history of meteors	XXV 390	VI 2 125
— Account of some of the effects and properties of damps, from observations of the effects on opening an old well at Boston in New England, July 19, 1729	XXXVI 184	— 19
GREGORY, DAVID. A solution of the Florentine problem, touching the figure of a cupola, whose windows being out, the remainder is quadrable	XVIII 25	
— A paper asserting some mathematical inventions to their true authors	— 233	I 116
— Account of the curve called catenaria	XIX 637	— 39
— Observations on the eclipse of the Sun, Sept. 13, 1699. at Oxford	XXI 330	
— Answer to the animadversions on Dr. Gregory's curva catenaria made in the Leipzig acts	— 419	— 50
— The curve assigned by Cassini to planets as their orbit, considered and rejected	XXIV 1704	IV 206
— Vindiciæ mathematicæ universalis Gregorianæ contra secundos Abbatis Galloyfii impetus in Historia Acad. Scient. 1703	XXV 2336	
GREGORY JAMES. An account of a controversy between Stephano de Angelis of Padua, and J. B. Riccioli, concerning the motion of the earth	III 693	
— Answer to the animadversions on Mr. Hugenius's book De vera Circuli & Hyperbolæ Quadratura, as published in the Journal des Scavans	— 732	
— Consideration upon M. Hugen's letter, printed in vindication of his examen of the book entitled Vera Circuli & Hyperbolæ Quadratura	— 882	II 407
GREGORY, WILLIAM. Account of a pin taken out of the bladder of a child	XL 367	IX 115
— Account of a monstrous foetus resembling an hooded monkey	XLI 764	— 315
GRESCHOW, AUGUSTINE NATHANIEL. An observation of an extraordinary lunar circle, and of two paraselenæ made at Paris, October 20, 1747	XLV 524	X 483

	Transf.	Abridg.
GRESCHOW, AUGUSTINE NATHANIEL. An observation of the eclipse of the Sun at Paris, July 14, 1748	XLV 524	X 483
— — on an eclipse of the Sun. Jan. 8, 1750 at Berlin	XLVI 339 VIII 5163	— 78 II 148
GREW, NEHEMIAH. — on the nature of snow	XIV 566	III 9
— Description and use of the p res in the skin of the hands and feet	XVII 543	— 85
— Observations on a diseased spleen	— 760	II 854
— Description of the American Pomineius, or humming bird	— 815	— —
— On the food of the humming bird	— —	— —
— A demonstration of the number of acres contained in England, or South Britain; and the use which may be made of it	XXVII 266	IV 449
GRIFFITH. — Account of the effects of a storm of thunder and lightning on Feinbrocke College, Oxford, June 3; 1765	LV 273	— —
GRINDAIL, RICHARD. Case of the efficacy of bark in a mortification	L 379	— —
GRONOVIVS, JOHN FRID. M. D. Method of preparing specimens of fish	XLII 57	— —
— Account of a water insect, which, being cut into several pieces, becomes so many perfect animals	— 218	IX 17
— The figure of the <i>mustela fossilis</i>	XLIV 451	Xi 874
GROVESTINS, M. Account of an earthquake at the Hague on Wednesday the 18th of February, 1756	XLIX 544	— —
GUATTINI, ANG. DE. Observations on some animals, and on a strange plant made in a voyage into the kingdom of Congo	XII 977	III 57
GULIELMINI, DOMIN. Observations on an eclipse of the Sun, July 12, 1684. at Bologna	XVII 858	I 295
GULLET, CHRISTOPHER. On the effects of elder in preserving growing plants from insects and flies	LXII 348	— —
GULSTON, EDWARD. Account of an earthquake, April 2, 1762, at Chittigaon	LIII 251	— —
— Another account from Chittigong	— 263	— —
GULSTON, FRANCIS. Account of an antient date at Widge-Hall, in Hertfordshire	XXXIX 122	IX 421
GUTHRIE, MATTHEW, M. D. On the antiseptical diet of the natives of Russia	LXVIII 622	— —
— Account of the manner in which the Russians treat persons affected with the fumes of burn-	— —	— —

	Transf.	Abridg.
ing charcoal, and other effluvia of the same nature	LXIX 325	
GUY, RICHARD. An extraordinary case of a child	XLIX 34	
GWITHER, ———, M. D. Discourse of physiognomy	XVIII 118	III 8
H.		
H. Mr. Inquiries for Turkey	I 60	— 631
H. R. Observations on the Chinese characters	XIV 63	— 632
HADLEY, GEORGE. The meteorological diaries communicated to the Royal Society for 1729, 1730	XL 154	VIII 578
— 1731, 32, 33, 34, 35	XLII 243	— 589
HADLEY, JOHN. An account of a catadioptrick telescope made by him, with the description of a machine for applying it to use	XXXII 303	
— Observations on the satellites of Jupiter and Saturn	— 385	VI 221
— An account of an aurora borealis seen at Exon. Oct. 8, 1726	XXXIV 143	VI 2 100
— A description of a new instrument for taking angles	XXXVII 147	VI 139
— Observations made on board the Chatham yacht, Aug. 30, 31, and Sept. 1, 1732, for the trial of an instrument for taking angles	— 341	— 428
— A spirit-level to be fixed to a quadrant for taking a meridional altitude at sea when the horizon is not visible	XXXVIII 167	VIII 357
— On the cause of the general trade-winds	XXXIX 56	— 500
HADLEY, JOHN. M. D. An account of a mummy inspected at London, 1763	LIV 1	
HAFFENDEN, RICHARD. The effects of lightning on a house which had a pointed conductor at Tenterden	LXV 336	
HAINES, EDWARD. An account of an occultation of Saturn by the Moon, March 19, 1687, observed at Totteridge, near London, latitude 51° 39'	XVI 268	I 365

	Transf.	Abridg.
HALE, RICHARD, M. D. The human allantois fully discovered - - -	XXII 835	V 314
— An account of the external maxillar, and other salivary glands; also of the insertions of all the lymphatics (as well above as below the sub-clavians) into the veins - - -	XXXI 5	VII 459
HALES, Rev. STEPHEN. An account of a machine for measuring any depth in the sea, with great expedition and certainty - - -	XXXV 559	VI 2 163
— A method of conveying liquors into the abdomen during the operation of tapping - - -	XLIII 20	XI 1034
— A proposal to bring small passable stones with ease out of the bladder - - -	— 502	— 990
— An account of the great benefit of ventilators in many instances in preserving the health and lives of people in slave and other transport ships - - -	XLIV 332	X 634
— An account of some trials to cure the ill taste of milk, which is occasioned by the feed of cows, either from turnips, cabbages, or autumnal leaves, &c. also to sweeten stinking water - - -	— 339	
— A proposal or checking in some degree the progress of fires - - -	XLV 277	XI 1391
— Account of some electrical experiments - - -	— 409	X 406
— An examination of the strength of several of the principal purging waters, especially that of Jessop's Well - - -	XLVI 446	— 574
— On the causes of earthquakes - - -	— 669	— 535
— Observations on the utility of ventilators in a ship - - -	XLVII 221	
— An account of the bucket sea-sage to find the different degrees of coolness and saltness of the sea - - -	— 214	
— An account of some trials to keep water and fish sweet with lime-water - - -	XLVIII 826	
— An account of the great benefit of blowing showers of fresh air up through distilling liquors - - -	XLIX 312	
— An account of some trials to sweeten stinking water - - -	— 339	
HALIFAX, Rev. WILLIAM. A relation of a voyage from Aleppo to Palmyra in Syria - - -	XIX 83	III 503
HALL, Capt. Experiments on the poison of the rattlesnake - - -	XXXV 309	VII 412
HALLER, ALBERT. Observatio de ovarii scitomate, & de pilis ibidem inventis - - -	XLIII 71	XI 1009
		HALLER,

	Transf.	Abridg.
HALLER, ALBERT. Account of the cyanus foliis radicalibus, partim integris, partim planatis, bractea calycis ovali, flore sulphureo	XLI 94	X 702
— An observation on a ichirrus of the cerebellum	— 100	
— Two observations of a diseased conformation in bodies	XLIV 527	XI 1062
— Diseased conformations found in bodies	XLVI 172	
— Some experiments relating to respiration	— 325	X 965
— Observaciones de viis feminis	— 340	XI 309
HALLERSTEIN, —. Observations on the comet seen at Pekin, 1748	— 305	X 124
HALLET, WILLIAM, M. D. Account of an aurora borealis seen at Exon, Oct. 8, 1726	XXXIV 143	VI 2 100
— Case of a lad shot through the lungs, drawn up by N. Peters	XI III 151	XI 965
HALLEY, EDMUND. A direct and geometrical method by which the aphelia, excentricities, and proportion of the orbs of the primary planets are found, without supposing the equality of the angle of motion at the other focus of the planets ellipses	XI 683	I 258
— Observations on the spots in the Sun appearing July and August, 1676	— 687	— 278
— An observation on Mars covered by the Moon, Aug. 21, 1676	— 724	
— A correction of the theory of motion of the satellites of Saturn	XIII 82	— 370
— A theory of the variation of the magnetical compass	— 208	II 610
— Account of the course of the tides at Tonqueen, with the theory of them at the bar of Tonqueen		
— A discourse concerning gravity and its properties	XIV 677	— 292
— Two astronomical observations of the eclipses of the planet Jupiter by the Moon, in March and April, 1686, at London	XVI 3	I 472
— A discourse of the rule of the decrease of the height of the mercury in the barometer	— 85	— 364
— An historical account of the trade-winds and monsoons	— 104	II 14
— Cubic and biquadratic equations constructed by a parabola and circle	— 153	— 153
— An estimate of the quantity of vapour raised out of the sea by the warmth of the Sun	— 335	I 63
— Of the number of roots in several equations, their power and use	— 366	II 108
— An account of the circulation of the watry vapour of the sea, and of the cause of springs	— 387	I 68
	XVII 468	II 126

HALLEY,

	Transf.	Abridg.
HALLÉY, EDMUND. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain - - -	XVII 495	III 412
— An astronomical dissertation of the visible conjunction of the inferior planets with the Sun - - -	— 511	I 427
— Amendments and notes upon three places in the common text of Plin, 's Natural History, falsely edited - - -	— 535	
— Account of the several species of infinite quantity, and of the proportions they bear one to the other - - -	— 556	— 102
— An account of the cause of the change of the variation of the magnetical needle; with an hypothesis of the structure of the internal parts of the earth - - -	— 563	II 615
— An estimate of the degrees of the mortality of mankind, drawn from various tables of the births and funerals at the city of Breslaw. with an attempt to ascertain the price of annuities upon lives - - -	— 596	
— An account of several experiments made to examine the nature of the expansion and contraction of fluids by heat and cold, in order to ascertain the divisions of the thermometer, and to make that instrument in all places, without adjusting it by a standard - - -	— 650	— 33
— On the proportional heat of the Sun in all latitudes, with the method of collecting the same - - -	— 878	— 165
— Emendations and notes upon the antient astronomical tables of Albatenius, with the restoration of his luni-solar tables - - -	— 913	III 522
— An instance of the excellence of the modern algebra in the resolution of the problem of finding the foci of optick-glasses universally - - -	— 960	I 183
— Some queries concerning the nature of light and diaphanous bodies - - -	— 999	II 252
— A new and accurate method of finding the roots of equations, of every kind, without previous reduction - - -	XVIII 136	I 81
— An account of the evaporation of water, as it was experimented in Gresham College, in 1693, with some observations thereon - - -	— 183	II 110
— Table of the eclipses of the first satellite of Jupiter - - -	— 237	I 409
— A discourse concerning a method of discovering the true moment of the Sun's ingress into the tropical fions - - -	XIX 12	— 266

HALLÉY,

	Transf.	Abride
HALLEY, EDMUND. A compendious and facile method for constructing logarithms, exemplified and demonstrated from the nature of numbers, without any regard to the hypothesis, with a speedy method for finding the number from the logarithm given	XXIX 58	108
— A proposition of general use in the Art of Gunnery shewing the rule of laying a mortar to pass, in order to strike any object above or below the horizon	— 68	— 48 — 485
— Some account of the ancient state of the city of Palmyra, with short remarks upon the inscriptions found there	— 160	III 518
— An easy demonstration of the analogy of the logarithmic tangents to the meridian line, sum of the secants, with various methods for computing the same to the utmost exactness	— 202	I 577
— Account of a Roman altar found at Chester	— 316	III 425
— An account of an animal, resembling a whale voided per anum, by a male greyhound	— —	II 904
— The true theory of the tides, extracted from Newton's <i>Philosophiæ Naturalis Principia Mathematica</i>	— 445	— 285
— Account of an extraordinary hail in Cheshire April 29 1697	— 570	— 145
— Account of the Torricellian experiment, tried on the top of Snowdon-Hill, and the success of it	— 582	— 13
— Observations on an eclipse of the moon, Oct 19, 1697, made at Chester	— 784	i 340
— An account of the appearance of an extraordinary iris seen at Chester, Aug. 6, 1697	XX 293	i 188
— A geometrical dissertation on the rainbow shewing the means of obtaining the diameter of each bow; the refraction being given; with the solution of the inverse problem, or that of finding the ratio of the refraction, the diameter of the bow being given	XXII 714	— 195
— An account of Dr. R. Hook's invention of the marine barometer, with its description and uses	— 791	V 24
— An account of the appearance of several unusual parnelia, or mock suns, together with several circular arches lately seen in the air	XXIII 1127	— 228
— A synopsis of cometic astronomy	XXIV 1862	IV 345
— Account of several meteors or lights in the sky	XXIX 159	IV 2 135

	Transf.	Abridg.
HALLEY, EDMUND. Some remarks on the variations of the magnetical compass, published in the Memoirs of the Academy of Sciences, with regard to the general chart of those variations made by Halley; as also concerning the longitude of the Magellan Straights	XXIX 165	IV 453
— Observations on the total eclipse of the Sun, on the 22d of April, 1715	— 245, 314	— 255
— Account of the cause of the saltness of the ocean, and of the several lakes that emit no rivers, with a proposal, by help thereof, to discover the age of the world	— 296	V 2 216
— A short history of the several new stars that have appeared within these 150 years; with an account of the return of that in Collo Cygni, and of its continuance observed in 1715	— 354	IV 224
— An account of several nebulae, or lucid spots, like clouds, lately discovered among the fixed stars, by help of the telescope	— 390	— 225
— An account of the late surprizing appearance of lights seen in the air on the 6th of March, 1715-16, with an attempt to explain the principal phenomena thereof	— 406	IV 2 138
— Of the same seen on the ocean, near the coast of Spain, with an account of the return of the same sort of appearance on March 31, and April 1 and 2	— 430	— - 151
— A particular method by which the parallax of the Sun, or its distance from the earth, may be ascertained by the assistance of the transit of Venus over the sun	— 454	IV 214
— Account of the cause of the late remarkable appearance of the planet Venus, seen this summer for many days together in the day-time	— 466	— 300
— The art of living under water; or a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depths	— 492	IV 2 188
— Observations on the Moon's appulies to the Pleiades in the three next years	XXX 692	IV 298
— An account of a small telescopical comet seen at London on the 10th of June, 1717	— 721	— 344
— Considerations on the change of the latitude of some of the principal fixed stars	— 736	— 227
— An account of the extraordinary meteor seen all over England, on the 19th of March, 1718-9,		

	Transf.	Abridg.
with a demonstration of the uncommon height thereof	XXX 978	IV 2 156
HALLEY, EDMUND. An observation of the end of the total lunar eclipse, March 5, 1718, observed near the Cape of Good Hope, serving to determine the longitude thereof; with remarks thereon	— 992	IV 451
— Account of an aurora borealis seen at London Nov. 10, 1719	— 1099	— 2 163
— Remarks of an essay of Mr. Cassini, wherein he proposes to find by observation the parallax and magnitude of Sirius	XXXI 1	VI 163
— Of the infinity of the sphere of fixed stars	— 22	— 147
— Of the number, order, and light of the fixed stars	— 24	VI 148
— Remarks upon the method of observing the differences of right ascension and declination, by cross hairs in a telescope	— 113	— 165
— A proposal for measuring the heights of places, by help of the barometer of Mr. Patrick, in which the scale is greatly enlarged	— 116	VI 2 28
— Some allowances to be made in astronomical observations, for the refraction of the air, with an accurate table of refractions	— 169	VI 167
— On the method of determining the places of the planets, by observing their near appulses to the fixed stars	— 209	— 170
— Observations on a parhelion, Oct. 26, 1721	— 211	VI 2 75
— An observation of an eclipse of the Sun, Nov. 27, 1722, at Greenwich	XXXII 197	VI 171
— The longitude of Port Royal in Jamaica, determined by the eclipse of the Moon, June 18, 1722	— 235	— 190
— And of Carthage in America	— 237	— 408
— Some considerations about the cause of the universal deluge	XXXIII 118	VI 2 1
— Some farther thoughts on the same	— 123	— 4
— An account of the appearance of Mercury passing over the Sun's disk, on the 29th of October, 1723, determining the mean motion, and fixing the nodes of that planet's orb	— 228	VI 253
— Remarks upon some dissertations lately published at Paris, by the Rev. P. Souciet, against Sir Isaac Newton's Chronology	XXXIV 205	VII 4 7
— Some farther remarks on P. Souciet's dissertations against Sir Isaac Newton's chronology	XXXV 296	— 11
— Mr. Harris's astronomical observations at Vera Cruz revised	— 388	— 102

	Transl.	Abridg.
HALLEY, EDMUND. A proposal of a method for finding the longitude at sea, within a degree, or twenty leagues; with an account of the progress he hath made therein, by a continued series of accurate observations of the Moon	XXXVII 185	VI 401
— Observations of latitude and variation taken on board the Hartford, in her passage from Java Head to St. Helena, 1731-2	— 331	— 421
— Observations on the lunar eclipse, March 15, 1735-6	XL 14	
HALTON, IMMANUEL. Observations on an eclipse of the Sun, June 11, 1676	XI 662	II 285
HAMILTON, Hon. CHARLES. A description of a clepsydra, or water-clock	XLIV 171	X 428
HAMILTON, Rev. HUGH. The properties of the mechanic powers demonstrated, with some observations on the methods that have been commonly used for that purpose	LIII 103	
— A dissertation on the nature of evaporation, and several phænomena of air, water, and boiling liquors	LV 146	
HAMILTON, ROBERT. An account of a suppression of urine cured by a puncture made in the bladder through the anus	LXVI 578	
HAMILTON, Sir WILLIAM. Two letters, giving an account of the late eruption of Mount Vesuvius, Nov. 17, 1764	LVII 192	
— An account of the eruption of Mount Vesuvius, in 1767	LVIII 1	
— Some farther particulars of Mount Vesuvius and other volcanos in that neighbourhood	LIX 18	
— An account of a journey to Mount Etna, 1769	LX 1	
— Remarks upon the nature of the soil of Naples and its neighbourhood	LXI 1	
— Extract of another letter on the same subject	— 48	
— Account of the effects of a thunder-storm on the 15th of March 1773, upon the house of Lord Tynney, at Naples	LXIII 324	
— An account of certain traces of volcanos on the banks of the Rhine	LXVIII 1	
— An account of an eruption of Mount Vesuvius, in Aug. 1779	LXX 42	
HAMPE, JOHN HENRY, M.D. A description of the narhval, or unicorn fish, taken in the river Ost, in the Dutchy of Bremen, 1736	XL 149	IX 72
— An account of a new species of the manis, or scaly lizard	LX 36	

	Transf.	Abridg.
HANBURY, WILLIAM. Account of the coal balls made at Leige - - -	XLI 672	IX 501
HANCKEWITZ, AMBROSE GODFREY. Experiments upon the phosphorus urinæ - - -	XXXVIII 58	— 373
— Examination of West-Ashton well-water - - -	XLI 828	VIII 649
HANLEY, P. M. D. Account of an extraordinary steatomatous tumour in the abdomen of a woman - - -	LXI 131	
HARDISWAY, P. M. D. Account of the cutting of a man who died of the stone in the kidneys - - -	XXXII 327	VII 530
— Account of a rottenness of the cheek-bone - - -	XXXV 374	— 494
HARMER, THOMAS. Remarks on the very different accounts that have been given of the fecundity of fish, with fresh observations on that subject - - -	LVII 280	
HARRIS, Rev. JOHN. Microscopical observations of vast number of animalculæ seen in water - - -	XIX 254	III 652
— An account of some experiments tried with Monf. Villette's burning concave, in June 1718 - - -	XXX 976	IV 198
HARRIS, JOSEPH. Astronomical observations at Vera Cruz - - -	XXXV 388	VII 4 102
— Some magnetic observations made in the months of May, June, and July, 1732, in the Atlantic and Western Ocean; as also the description of a water spout - - -	XXXVIII 75	VIII 655, 742
— An account of an improvement on the terrestrial globe - - -	XLI 321	VIII 352
— Observations of the transit of Venus over the Sun, June 3, 1769, made in the Round Tower in Windsor Castle - - -	LIX 422	
HARRISON, JOHN. Account of two species of wasps in New England - - -	XLVII 184	
HARRISON, Rev. JOHN. Account of an agitation of the waters at Hawkshead, in Cumberland, Nov. 1, 1755 - - -	XLIX 381	
HART, CHENEY, M. D. Account of the effects of electricity in the county hospital at Shrewsbury - - -	XLVIII 786	
— An account of a cure of a paralytic arm by electricity - - -	XLIX 558	
HARTLEY, DAVID. Case of the effects of Dampier's powder in curing the bite of a mad dog - - -	XL 274	IX 224
— Case of a calculus making its way through an old cicatrix of the perinæum - - -	XLI 349	-- 176
HARTMANN, PHILIP JAMES. Account of an embryo of seven months, and of a placenta cotyledonyformis - - -	XX 66	III 208
— History and demonstration of the Prussian amber - - -	XXI 5	II 473

	Transf.	Abridg.
HARTMANN, PHILIP JAMES. Account of several curiosities relating to amber	XXI 49	II 599
HARTOP, MARTIN. Account of the earthquake in Sicily, 1693	XVII 827	— 400
HARVEY, WILLIAM, M. D. Anatomical account of Thomas Parr	III 886	III 306
HARWOOD, JOHN. Description of a Roman sudatory, or hypocaustum, found at Wroxeter, in Shropshire, 1701	XXV 2228	
HASKINS, J. A description of an engine to raise water by the help of quicksilver	XXXII 5	VI 352
HASSEL, RICHARD. Case of a large piece of lath being thrust into a man's eye, who recovered of it	XLV 520	XI 955
HASSELQUIST, Dr. Method of making sal ammoniac in Egypt	LI 504 LXI 160	
HASTED, EDWARD. On chestnut trees		
HATLEY, GRIFFIN, M. D. Account of some formed stones found at Hunton, in Kent	XIV 463	II 426
HAYERS, CLOPTON, M. D. An account of an extraordinary hæmorrhage at the glandula lacrymalis	XVIII 51 XXI 233	II 252 III 95
— A short discourse concerning concoction		
HAUKSBEE, FRANCIS. An experiment to shew the cause of the descent of the mercury in the barometer during a storm	XXIV 1629	IV 2 181
— An experiment of firing gun-powder on a red-hot iron in vacuo Boyliano	— 1806	— - 171
— An experiment to try the quality of air produced from gun-powder, fired in vacuo Boyliano	— 1807	— - 172
— Experiments on the production and propagation of the light from the phosphorus in vacuo	— 1865	— - 181
— An experiment upon the propagation of sound in condensed air; together with a repetition of the same in the open field	— 1902	— - —
— An experiment touching the diminution of sound in air rarified	— 1904	
— Experiments on the repletion of bodies in common air, in vacuo, and in air condensed	— 1946	— - —
— Experiments on the descent of malt-dust in an evacuated receiver	— 1948	— - 173
— Several experiments on the mercurial phosphorus	— 2129	— 80
— Several experiments on the attrition of bodies in vacuo	— 2165	— - —

HAUKSBEE,

	Transf.	Abridg.
HAUKSBEE, FRANCIS. An experiment touching the proportion of the weight of air to the weight of a like bulk of water, without knowing the quantity of either	XXV 2221	[V 2 180
— Experiment shewing that the seemingly spontaneous ascension of water in small tubes open at both ends is the same in vacuo as in the open air	— 2223	— - 181 V 279
— An experiment touching the production of a considerable light upon a slight attrition of the hands on a glass globe exhausted of its air; with other remarkable occurrences	— 2277	[V 2 180
— An experiment touching the extraordinary electricity of glass, produceable on a smart attrition of it, with a continuation of experiments on the same subject, and other phenomena	— 2327	— - —
— Several experiments shewing the strange effects of the effluvia of glass, produceable on the motion and attrition of it	— 2372	— - —
— An experiment touching the quantity of air produced from a certain quantity of gunpowder fired in common air	— 2409	— - 181
— An experiment shewing that the springs or constituent parts of air are capable to suffer such disorder, by a violent impulse, as to require time to recover their natural state	— 2412	— - —
— An experiment touching the production of light, by the effluvia of one glass falling on another in motion	— 2413	— - 180
— An experiment touching the difficulty of separating two hemispheres, upon the injecting of an atmosphere of air on their outward surfaces, without withdrawing the included air	— 2415	— - —
— The repetition of an experiment, touching motion given bodies included in a glass, by the approach of a finger near its outside; with other experiments on the effluvia of glass	XXVI 82	— - 181
— Some experiments touching the electricity and light producible on the attrition of several bodies	— 87	
— An experiment touching the different densities of the air from the greatest natural heat to the greatest natural cold in this climate	— 93	— - —
— The success of an attempt to continue several		

	Transf.	Abridg.
atmospheres of air condensed in the space of one, for a considerable time - -	XXVI 217	IV 2 181
HAUKSBEE, FRANCIS. An experiment touching the production of light within a globe glass, whose inward surface is lined with sealing-wax, upon an attrition of its outside - -	— 219	— - -
— Some experiments in relation to the weight of common water under different circumstances - -	— 221	— - -
— Several experiments touching the seeming spontaneous ascent of water - -	— 258	— - -
— An experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point observed by a thermometer - -	— 267	— - -
— Some experiments in relation to the weight of common water under different circumstances - -	— 269	— - -
— An experiment touching the freezing of common water, and water purged of air - -	— 302	— - 182
— An experiment touching the freezing of common water, tinged with a liquid said to be extracted from shell-lac - -	— 304	— - -
— An experiment touching the weighing of bodies of the same species, but of very unequal surfaces, in common water, being of an equal weight in common air - -	— 306	— - 181
— An account of an experiment shewing that actual sound is not to be transmitted through a vacuum - -	— 367	— - 182
— An account of an experiment touching the propagation of sound passing from the sonorous body into the common air in one direction only - -	— 369	— - -
— An experiment touching the propagation of sound through water - -	— 371	— - -
— An account of an experiment, shewing that an object may become visible through such an opaque body as pitch in the dark, while it is under the circumstances of attrition and a vacuum - -	— 391	— - -
— An account of an experiment, touching an attempt to produce light on the inside of a glass globe lined with melted flowers of sulphur, as in the experiment of sealing-wax and pitch - -	— 439	— - -
— Experiments concerning the time required in the descent of different bodies of different mag-		

	Transf.	Abridg.
nitudes and weights, in common air, from a certain height - - -	XXVII 196	IV 2 182
HAUKSBEE, FRANCIS. Experiments concerning the effects of air passed through red-hot metals - - -	— 199	— - -
— A description of the apparatus for making experiments on the refractions of fluids, with a table of the specific gravities, angles of observations, and ratio of refractions of several fluids - - -	— 204	— - -
— Of two liquors, which, when mixt together will possess less space than when separate - - -	— 325	— - -
— An experiment concerning an endeavour to produce light through a metallic body, under the circumstances of a vacuum and attrition - - -	— 328	— - -
— An experiment touching the direction of a drop of the oil of oranges, between two glass planes, towards any side of them that is nearest pressed together - - -	— 395	— - -
— Some experiments touching the keeping of fishes in water under different circumstances - - -	— 431	— - -
— An experiment concerning the angle required to suspend a drop of oil of oranges, at certain stations, between two glass planes placed in the form of a wedge - - -	— 473	— - -
— Experiments concerning the proportion of the power of the load-stone at different distances - - -	— 506	— - 295
— The specific gravity of several metalline cubes, in comparison with their like bulk of water - - -	— 511	— - 182
— On the ascent of water between two glass planes - - -	— 539	— - -
— A description of the several strata of earths, stones, coals, &c. found in a coal pit at Dudley, in Staffordshire - - -	— 541	— - -
— An account of an experiment touching the proportions of the ascent of spirit of wine between two glass planes, whose surfaces are placed at certain different distances from each other - - -	XXVIII 151	— - 183
— An account of some farther experiments - - -	— 153	— - -
— Farther account - - -	— 155	— - -
— The specific gravity of several metalline cubes in comparison with their like bulks of water - - -	— 521	— - -
— An experiment in order to try the law of magnetical attraction - - -	XXIX 294	— - 297
HAUTON, M. Way of making sea-water sweet - - -	V 2048	II 297

	Transl.	Abridg.
HAUTON, M. Two experiments made for finding another passage of the urinary parts	V 2049	III 147
HAWKINS, ———. Observations on a eclipse of the Sun, Nov. 27, 1722, at Wakefield	XXXII 199	VI 2 226
HAYDON, RICHARD. Observations on the transit of Venus, June 6, 1761, at Leskeard	LC 202	
HAYGARTH, H. M. D. Observations on the bills of mortality of Chester, 1772	LXIV 67	
— — — 1773	LXV 85	
— — — 1774	LXVIII 131	
HAZEN, WILLEM VAN. The quantity of rain which fell at Leyden in 1751	XLVII 360	
HEARNE, THOMAS. Account of some antiquities lately discovered near Barham Moor, in Yorkshire	XXVI 395	
— Account of an aurora borealis, seen Dec. 11, 1719, at Streatham, Surrey	XXX 1107	(V 2 167
HEARNE, URBAN, M. D. Some remarkable observations on the Lake Vatter	XXIV 1938	I 568
HEATHCOT, THOMAS. Observations on the lunar eclipse, Aug. 19, 1681, at St. Lawrence, Madagascar	XIII 15	I 568
— Account of the variation of the needle on the coast of Guinea	XIV 578	
— Account of the tides on the coast of Guinea, 14th Dec. 1683	— —	II 268
HEBERDEN, THOMAS, M. D. Account of a very large human calculus	XLVI 596	XI 1005
— Observations made in going up the Peak of Teneriffe	XLVII 353	
— Observations on the weather in Madeira	— 357	
— — — — —	XLVIII 617	
— Observations on the earthquake at Lisbon, Nov. 1, 1755, made at Madeira	XLIX 432	
— Account of the earthquake felt in the island of Madeira, March 31, 1761	LII 155	
— of the effects of lightning at South Weald, in Essex, June 18, 1764	LIII 198	
— of a falt found on the Peak of Teneriffe	LV 57	
— Observations for settling the proportion which the decrease of heat bears to the height of situation	— 126	
— Account of a stone voided without help from the bladder of a woman	— 128	
— On the increase and mortality of the inhabitants of Madeira	LVII 461	

HEBERDEN,

	Transf.	Abridg.
HEBERDEN, THOMAS, M. D. Of the different quantities of rain which appear to fall, at different heights, over the same spot of ground - - -	LIX 359	
— Observations of the immersions and emersions of Jupiter's first satellite, made at Funchal, in Madeira, from 1763 to 1768, with a reflecting telescope of eighteen inches focus - - -	LX 502	
HÉE, CHRISTIAN. De pressionibus ponderum in Machinis motis - - -	XLIX 1	
HEINSIUS, GODFREY. A method of making a gold-coloured glazing for earthen ware - - -	XLII 188	IX 499
— Of the disappearing of Saturn's ring in 1743 and 1744 - - -	— 602	VIII 228
HEISTER, LAURENCE, M. D. Account of a stone in the bladder breaking spontaneously, and passing through the urethra - - -	XXXVII 13	VII 534
HELLINS, Rev. JOHN. Theorems for computing logarithms - - -	LXX 307	
HELVETIUS, Dr. Account of the Pareira Brava - - -	XXIX 365	V 404
HENCHMAN, Rev. —. Observations on the effects which the farina of peas of different colours have on each other - - -	XLIII 526	
HENKEL, TILMAN. Observations on the earthquake at Lisbon, Nov. 1, 1755, made at Oporto - - -	XLIX 418	
HENLEY, WILLIAM. Account of a person killed by lightning in Tottenham-court-road-chapel, and its effects on the building - - -	LXII 131	
— Experiments concerning the different efficacy of pointed and blunted rods in securing buildings against the stroke of lightning - - -	LXIV 133	
— An account of some new experiments in electricity - - -	— 389	
— Remarks on Mr. Haffenden's account of the effects of lightning on a house furnished with a pointed conductor, at Tenterden in Kent - - -	LXV 336	
— Experiments and observations on a new apparatus, called a machine for exhibiting perpetual electricity - - -	LXVI 513	
— Experiments and observations in electricity - - -	LXVII 85	
— Observations and experiments tending to confirm Dr. Ingenhousz's theory of the electrophorus; and to shew the impermeability of glass to the electric fluid - - -	LXVIII 1049	

	Transf.	Abridg.
HENRY, THOMAS. An account of the earthquake felt at Manchester and other places, Sept. 14, 1777	LXVIII 221	
HENRY, WILLIAM, D. D. Account of the copper springs in the county of Wicklow, in Ireland	XLVII 500	
— An account of an extraordinary stream of wind, which shot through part of the parishes of Termonungam and Urney, in the county of Tyrone, Oct. 11, 1752	XLVIII r	
— Account of the copper springs in the county of Wicklow, in Ireland	— 94	
— Case of William Carey, aged 19, whose tendons and muscles were turned into bones	LI 89	
— Further account	— 92	
— Further account	LII 143	
HENSHAW, THOMAS. Observations and experiments upon May-dew	I 33	II 141
— Enquiries to be made in Egypt	II 470	III 632
HERISSANT, M. M. D. Experiments made on a great number of living animals, with the poison of Lamas and of Ticunas	XLVII 75	
HERSCHEL, WILLIAM. Astronomical observations on the periodical star in Collo Ceti	LXX 333	
— Astronomical observations relating to the mountains of the Moon	— 507	
HEVELIUS, JOHN. Of his promise of discovering the invention of making optick-glasses	I 98	I 193
— Answer to enquiries about cold	— 344	III 631
— Calculations of the solar eclipse, July 2, 1666	— 369	I 282
— A figure of the stars in the constellation of Cygnus, together with the new star in it, discovered some years since, and very lately seen by M. Hevelius again	— 372	— 453
— Remarks about the new star near the beak of the Swan	V 2023	
— Remarks about the new star in the neck of the Whale	— —	
— Observations on an eclipse of the Sun, Sept. 29, 1670	— —	— 304
— — on the conjunction of the Moon and Venus, Oct. 11, 1670	— —	— 347
— Particulars of a philosophical nature	— —	— 304
— Observations on the variation of the magnetic needle at Dantzick in 1670	— 2059	II 609

HEVELIUS,

	Transf.	Abridg.
HEVELIUS, JOHN. Account of a curious piece of amber	V 2061	II 490
— Observations on the appearance of Saturn in 1670	— 2061	I 365
— On a new star discovered in the constellation of Cygnus in 1670	V 2087	I 248
— Further observations on the new star near the beak of the Swan	VI 2197	— 250
— Observations concerning Saturn obscured by the Moon, June 1, 1671	— 3027	— 347
— — on a lunar eclipse, Sept. 18, 1671	— 3028	— 307
— — on an occultation of the first of the sa- tellites of Jupiter by the shadow of the pla- net	— 3029	— 557
— — of a transit of Jupiter and the Moon, Sept. 30, 1671	— 3031	— 347
— — of a late appearance of Saturn, Sept. 11, 12, 1671	— 3032	— 366
— Account of a new comet seen at Dantzick in March, 1672	VII 4017	— 439
— Account of a phænomenon seen in Prussia about the Sun, a little before his setting and the Moon's conjunction, and the Sun's eclipse	IX 26	
— The use of telescopic sights in astronomical ob- servations	— 27	— 221
— Account of Kepler's manuscripts	— —	
— Observations on an eclipse of the Moon, Jan. 11, 1675, with the occultation of certain fixed stars	X 289	— 310
— An account of an eclipse of the Moon, Jan. 1 1676, at Dantzick	XI 589	— 319
— Observations on the eclipse of the Sun, June 23, 1675, at Dantzick	— 660	— 284
— — June 11, 1676	— 666	— 288
— An occultation of Mars and certain fixed stars observed at Dantzick, Sept. 1, 1676	— 721	— 350
— Observations concerning three new stars, one in the Whale's neck, the other two near the head and in the breast of the Swan	XII 853	
— Observations on the comet of April and May, 1677, at Dantzick	— 869	— 444
— An account of the comet of Aug. 1682, at Dantzick	XIII 16	— 446
— Observations on the eclipse of the Moon, Feb. 11, 1682, at Dantzick	XIII 146	I 33

	Transf.	Abridg.
HEVELIUS, JOHN. A short account of the three great conjunctions of Saturn, Jupiter, and Mars, at Dantzick, in 1682 and 1683	XIII 325	I 357, 395, 425
— Observations on the occultations of fixed stars in 1683, at Dantzick	— 331	
— Short history of the comet of 1683, at Dantzick	— 416	— 448
— Eclipsis totalis lunæ cum mora, Dec. 10, 1685, observata Gedani	XV 1256	— 335
— Observations of the eclipse of Jupiter by the Moon, March 31, 1686, at Dantzick	XVI 178	— 361
HEWSDEN, ANTHONY. Observations on the cure of a tumour on the neck full of hydatides	XXV 2344	V 216
HEWSON, WILLIAM. On the lymphatic system in birds	LVIII 217	
— On the lymphatic system in amphibious animals	LIX 198	
— On the lymphatic system in fish	— 204	
— Experiments on the blood, with some remarks on its morbid appearances	LX 368	
— On the degree of heat which coagulates the lymph and the serum of the blood, with an enquiry into the causes of the inflammatory crust, or fize, as it is called	— 384	
— Further remarks on the properties of the coagulable lymph, on the stopping of hæmorrhages, and on the effects of cold upon the blood	— 398	
— On the figure and composition of the red particles of the blood, commonly called the red globules	LXIII 303	
HICKES, GEORGE. Account of a piece of antiquity lately found in Somersetshire	XXII 464	III 442
— Letter on the various reading of an inscription which is written upon the statue of Tages, by four Hetruscan alphabets	XXIV 2076	V 306
HIGGINS, BRYAN, M. D. Actual fire, or detonation, produced by the contact of tinfoil, with the salt composed of copper and the nitrous acid	LXIII 137	
— On the use of an amalgam of zinc for the purpose of electrical excitation	LXVIII 861	
HIGHMORE, —, M. D. Some considerations relating to Dr. Wittie's defence of Scarborough Spaw, with a brief account of a less considerable salt spring in Somersetshire, and of a me-		

dical spring in Dorsetshire	-	Transf. IV 1128	Abridg. II 333, 351
HILL, Mr. Account of Henry Jenkins who died at the age of 169 years	-	XIX 543 II 472	III 307 - 632
HILL, ABRAHAM. Enquiries to be made in Guinea	-		
HILL, Sir JOHN, M. D. On the manner of feeding mosses, and in particular of the hypnum terrestre, trichoides, luteovirens, vulgare, majus, capitulis erectis. Rati Synopf. Ed 3. p. 84	-	XLIV 60 - 458	X 758 - 605
— Account of the Windfor loam	-		
HILLIER, J. An account of the customs of the inhabitants, the air, &c. of Cape Corfe, with an account of the weather there from Nov. 24, 1686, to Nov. 24, 1687	-	XIX 687	II 55
HIMSEL, NICOLAS DE, M. D. An account of a rare species of orthoceratites found in Sweden	-	L 692	
— Case of a paralytic person cured by electrical application	-	LI 179	
— An account of artificial cold produced at Petersburg	-	- 670	
HIRE, P. DE EA. Letter concerning a new sort of a magnetical compass, with several curious magnetical experiments	-	XVI 344	- 620
HIRST, WILLIAM. Account of a fire-ball seen at Hornsey	-	XLVIII 773	
— Account of the transit of Venus over the Sun, June 6, 1761, at Madras	-	LII 396	
— Account of an earthquake, April 2, 1762, at Calcutta	-	LIII 256	
— Observations on an eclipse of the Sun, October 17, 1762, at Ghyrotty, in the East Indies	-	- 259 - 262	
— on an eclipse of the Moon, Nov. 2, 1762, at Calcutta	-	LIX 228	
— Several phænomena observed during the ingress of Venus into the solar disk, June 3, 1769	-		
HOARE, —. A short account of some of the principal antique pictures found in the ruins of Herculaneum at Portici, near Naples	-	XLIV 567	XI 1305
HOBSON, JOSEPH. Account of the wonderful increase of the seed of the upright mallow	-	XLII 320	VIII 824
HODGSON, JAMES. Observations on an eclipse of the Sun, Dec. 12, 1703, at London	-	XXIV 1594	IV 271
— An account of some eclipses of the Sun and Moon, observed by Thomas Brattle, at Cambridge, four miles from Boston, in New Eng-	-		

	Trans.	Abridg.
land, whence the difference of the longitude between Cambridge and London is determined from the observation of one of them, made at London		
HODGSON, JAMES. A catalogue of the eclipses of the four satellites of Jupiter, for the year 1732	XXIV 1630	IV 451
— 1733	XXXVII 109	VI 270
— 1734	— 321	
— 1735	XXXVIII 26	VIII 227
— 1736	— 279	—
— The apparent times of such of the immersions and emersions of Jupiter's satellites as are visible at London, in 1736, together with their configurations at those times	XXXIX 5	—
— Some observations of the eclipses of the first satellite of Jupiter, compared with the tables	— 13	—
— The apparent times of the immersions and emersions of Jupiter's satellites, which will happen in the year 1737, computed to the meridian of Greenwich	— 15	—
— 1738	— 177	—
— The apparent times of such of the immersions and emersions of Jupiter's satellites as are visible at London in 1738	— 301	— 228
— The apparent times of the immersions and emersions of Jupiter's satellites for the year 1739, computed to the meridian of the Royal Observatory at Greenwich	— 309	—
— The apparent times of such of the immersions and emersions of Jupiter's satellites as are visible at London in the year 1739	XL 69	—
— The apparent times of the immersions and emersions of the four satellites of Jupiter, 1740, at Greenwich	— 76	—
— at London	— 332	—
— Astronomical observations made at Pekin, from Nov. 1740 to Oct. 1741	— 340	—
— Observations on the comet of March, 1742, by the Jesuits at Pekin	XLII 306	— 183, 186, 208
— A catalogue of the immersions and emersions of the satellites of Jupiter, that will happen in the year 1750, of which there are 173 of the first, 85 of the second, 94 of the third, and none of the fourth, by reason of its great latitude; in all 322, computed by the Flamsteedian tables corrected	XLIV 264	X 116
	XLV 373	— 159

	Transf.	Abridg.
HODGSON, JAMES. A catalogue of the immersions and emersions of the satellites of Jupiter for 1751	XLVI 282	X 159
— Account of an agitation of the water at Petworth, Nov. 1, 1755	XLIX 357	
HODGSON, LUCAS, M. D. Observations on a subterranean fire in a coal-mine near Newcastle	XI 762	II 383
HODY, EDWARD, M. D. Account of a large bony substance found in the womb	XXXIX 189	IX 191
HOLBROKE, WILLIAM, M. D. Case of stones voided by stool	XXVII 28	V 265
HOLDER, WILLIAM, M. D. An experiment concerning deafness	III 665	III 42
— Reflexions on Dr. Wallis's letter to Mr. Boyle concerning an essay of teaching a person deaf and dumb to speak and understand a language	V <i>Supp. to Transf. of July 3, 1679.</i>	
HOLDSWORTH, Rev. —. Account of the agitation of the waters, at Dartmouth, November 1, 1755	XLIX 643	
HOLLAND, SAMUEL. Observations made on the islands of St. John and Cape Breton, to ascertain the longitude and latitude of those places	LVIII 46	
— Observations on the transit of Venus, June 3, 1769, near Quebec	LIX 247	
— Account of Jupiter's satellites observed near Quebec	LXIV 171	
— Astronomical observations for ascertaining the longitude of several places in the north district of North America	— 182	
HOLLINGS, —, M. D. An account of what appeared on opening the big-bellied woman near Haman, in Shropshire, who was supposed to have continued many years with child	XXIX 452	V 293
HOLLOWAY, Rev. B. An account of the pits of fullers earth in Bedfordshire	XXXII 419	VI 2 220
HOLLMAN, SAMUEL CHRISTIAN. An observation on the double fibres observable in the skeletons prepared from green leaves	XLI 789	VIII 818
— Conjectures on the use of double fibres in some leaves, &c.	— 796	— 820
— Observations of the difference of the heights of barometers	XLII 116	— 452
— Account of a sudden congelation	XLIII 239	X 450
— — of the electric fire	— —	— 271
— On the application of the micrometer to the microscope	— —	— 29

	Transf.	Abridg
HOLLMAN, SAMUEL CHRISTIAN. On the correspondence of the barometer with the air and weather	XLVI 101	X 428
— Description of some high mountains, in which are great quantities of fossil wood	LI 506	
HOLMES, Major. A narrative concerning the success of pendulum-watches at sea for the discovery of the longitude	I 13	I 555
HOLT, Sir CHARLES. Account of a disease occasioned by swallowing pebble stones	XXI 190	III 92
— Account of a child who had its intestines, mesentery, &c. in the cavity of the thorax	XXII 992	V 269
— A further account of the person who swallowed stones	—	— 260
HOLWELL, JOHN ZEPHANIAH. Account of a new species of oak	LXII 128	
HOME, ROBERT. Case of the first joint of the thumb torn off, with the flexor tendon in its whole extent torn out	L 617 LIV 89 LVI 186	
HOMEL, —. Account of the jaculator fish		
HONDT, — M. DE. An account of the agitation of the waters, Nov. 1, 1735, at the Hague	XLIX 396	
HOOGVLIETIUS, JOHN. Account of two posthumous letters of Leeuwenhoek relating to the diaphragm	XXXII 435	
HOOK, ROBERT. Observations on a spot in one of the belts of Jupiter	I 3	I 382,400
— Answer to M. Auzout on optick-glasses	— 63	— 192
— A method by which a glass of a small plano-convex sphere, may be made to refract the rays of light to a focus of a far greater distance than is usual	— 202	— 193
— Construction of a new contrivance of a wheel-barometer, much more easy to be prepared than that which is described in the micrography	— 218	II 252
— Observations of the planet Mars, made at London in Feb. and March, 1665-6	— 239	I 423
— Observations lately made at London concerning the planet Jupiter	— 245	— 382
— A late observation upon Saturn, June 29, 1666	— 246	— 365
— Observations on the eclipse of the Sun, June 22, 1666, at London	— 295	— 280
— Several inventions for dividing a foot into many thousand parts	II 459	— 220

Hook,

	Transf.	Abridg.
HOOK, ROBERT. An experiment of preserving animals alive, by blowing through their lungs with bellows	II 539	III 66
— On dividing a foot into many thousand parts	— 541	I 219
— A contrivance to make the picture of any thing appear on a wall, cup-board, or within a picture-frame, &c. in the midst of a light room	III 741	— 206
— Observations on the appearance of Saturn's ring, in 1670	V 2093	— 366
— Observations upon the eclipse of the Moon, Sept. 8, 1671	VI 2295	— 227
— Observations upon the solar spots lately discovered	— —	— —
— An account of what hath been observed concerning the late eclipse of the Moon, Jan. 1 1674-5, at London	IX 237	— 308
— Two astronomical observations of the eclipses of the planer Jupiter by the Moon in March and April, 1686, at London	XVI 85	— 364
— A description of an invention, whereby the divisions of the barometer may be enlarged in any given proportions	— 241	II 10
— A relation of the great effects of a new sort of burning speculum lately made in Germany	— 352	I 213
— Note on the natural productions of Virginia	XVII 691	II 786
— His invention of a marine barometer	XXII 791	IV 2 4
HOPE, JOHN, M. D. An account of the rheum palmatum, or rhubarb plant raised at Edinburgh	LV 290	
— Of a rare plant found in the Isle of Skye, supposed to be the Eriocaulon Decangulare	LIX 241	
HOPE, THOMAS, M. D. A remarkable cure performed on the eye of a young woman in Scotland	XLIII 194	
— Extract of two letters concerning Mr. Daviel's method of couching a cataract	XLVII 530	X 91
HOPKINS, J. Account of an extraordinary large horn, of the stag kind, taken out of the sea on the coast of Lancashire	XXXVII 257	VII 449
HOPO N, RICHARD. Account of the eruption of a burning spring at Brosley in Shropshire	XXVII 475	V 2 195
HORNSBY, Rev. THOMAS. On the parallax of the Sun	LIII 467	
— Observations on the solar eclipse, April 1, 1764, at Oxford	LIV 145	
— Account of the improvements to be made by observations of the transit of Venus in 1769	LV 326	

	Transf.	Abridg.
HORNSBY, REV. THOMAS. Observations on the transit of Venus and eclipse of the Sun, June 3, 1769	LIX 172	
— The quantity of the Sun's parallax, as deduced from the transit of Venus, June 3, 1769	LXI 574	
— An enquiry into the quantity and direction of the proper motion of Arcturus, with some remarks on the diminution of the obliquity of the ecliptic	LXIII 93	
HORSEFALL, JAMES. The application of Dr. Saunderson's theorem, for solving unlimited equations, to a curious question in chronology	LVIII 100	
— Observations on the transit of Venus, June 3, 1769	LIX 170 XXXVIII 296	IX 210
HORSEMAN, SAMUEL, M. D. An abstract from Timoni's history of the inoculated small-pox		
HORSLEY, REV. MR. An account of the depth of rain fallen from April 1, 1722, to April 1, 1723, at Widdrington, in Northumberland	XXXII 328	VI 2 57
HORSLEY, JOHN. Letter giving an account of observations at sea for finding out the longitude by the Moon	LIV 329	
HORSLEY, REV. SAMUEL, D. D. A computation of the distance of the Sun from the earth	LVII 179	
— An attempt to determine the height of the Sun's atmosphere from the height of the solar spots above the Sun's surface	— 398	
— On the computation of the Sun's distance from the earth by the theory of gravity	LIX 153	
— Observations on the transit of Venus and eclipse of the Sun, June 3, 1769	— 183	
— Difficulties in the Newtonian theory of light considered and removed	LX 417 LXI 547	
— Κορυφὴν Ἐρατοσθένους, or, the sieve of Eratosthenes, being an account of his method of finding all the prime numbers	LXII 327	
— M. De Luc's Rules for measurement of heights by the barometer, compared with theory, and reduced to English measure of length, and adapted to Fahrenheit's scale of the thermometer; with tables and precepts for expediting the practical application of them	LXIV 214	
— An abridged state of the weather at London in the year 1774, collected from the meteorological journal of the Royal Society	LXV 167	

HORSLEY,

	Transf.	Abridg.
HORSLEY, REV. SAMUEL, D.D. Theorems concerning the greatest and least areas of polygons, inscribing and circumscribing the circle	LXV 301	
— An abridged state of the weather at London for one year, commencing with the month of March, 1775, collected from the meteorological journal of the Royal Society	LXVI 354	
HOSHY, AMBROSE, M.D. Case of Anne Elizabeth Queriot, of Paris, whose bones were distorted and softened	XLVIII 26	
HOTTON, Peter, M.D. Letter concerning Swammerdam's treatise de Apibus, the Ahmell Ceylonensibus, and the Faba S. Ignatii	XXI 365	II 648
— An account of the Acemella, and its stone-dissolving faculty	XXII 760 XXI 311	— 660
HOUGHTON, JOHN. A discourse on coffee		
— The conclusion of the Protestant states of the empire, Sept. 23, 1699, concerning the calendar	XXII 459	III 408
HOUSTON, ROBERT, M.D. An account of an extra-uterine foetus, taken out of a woman after death, that had continued five years and a half in the body	XXXII 387	VII 555
— An account of a dropsy in the left ovary of a woman, aged 58, cured by a large incision made in the side of the abdomen	XXXIII 8	— 541
— Account of the contrayerva	XXXV 1195	VI 2 331
— Experiments on the perforation of the thorax, and its effects on respiration	XXXIX 230	IX 138
HOWARD, Hon. CHARLES. Brief directions how to tan leather according to the new invention of the Hon. Charles Howard of Norfolk	IX 93	II 668
— An account of the culture or planting and ordering of saffron	XII 945	— 635
HOWARD, JOHN. Account of the degree of cold observed in Bedfordshire, Nov. 22, 1763	LIV 118	
— Observations on the heat of the waters at Bath	LVII 201	
— Observations on the heat of the ground on Mount Vesuvius	LXI 53	
HOWELL, GEORGE. Case of a large stone extracted by an aperture in the urethra	XLIV 215	XI 999
HOWMAN, ROGER, M.D. Case of a remarkable hydrophobia	XV 916	III 280
— Case of an extraordinary flux of the blood by the penis	XXXII 418	VII 539

	Trans.	Abridg.
Hoxton, Walter. An account of an unusual agitation in the magnetical needle, observed to last some time in a voyage from Maryland	XXXVII 53	VI 2 304
— The variation of the magnetic needle as observed in three voyages from London to Maryland	XLI 171	VIII 744
HUBER, —. Epistola de cadavere aperto, in quo non exstittit vesica fellea; et de streño gibboso	XLVI 92	XI 972
HUBNER, MARTIN. An account of some observations relating to the production of the Terra Tripolitana, or Tripoli	LI 186	
HUDDART, JOSEPH. An account of persons who could not distinguish colours	LXVII 260	
HUDSON, WILLIAM. Catalogue of fifty plants from Chelsea Garden, 1766	LVII 470	
— — 1767	LVIII 227	
— — 1768	LIX 384	
— — 1769	LX 541	
HUGENS, CHRISTIAN. Hopes given of his making some improvements in optic-glasses	I 98	I 193
— An observation on Saturn, Aug. 17, 1668, at Paris	IV 900	— 365
— Summary account of the laws of motion	— 925	— 460
— Instructions concerning the use of pendulum-watches for finding the longitude at sea, together with a method of a journal for such watches	— 937	I 547, 555
— Discourse concerning the cause of halo's and parelia's	V 1065	II 185, 189
— Observations on the appearance of Saturn's ring in 1670	— 2093	I 366
— Letter on some observations made at Paris on Saturn's ring	VI 3026	— —
— An attempt to render the cause of that odd phenomenon of the quicksilver remaining suspended far above the usual height in the Torricellian experiment	VII 5027	II 23
— Letters between him and M. Slusius, about an optic problem	VIII 6119 6139	I 172 — 174
— His thoughts of Mr. Hooke's observations for proving the motion of the earth	IX 90	
— Account of very exact and portative watches	X 272	— 465
— Experiments on the air-pump	— 443	II 239
— Experiments made on the air pump upon plants, together with a way of taking exhausted receivers away from off the said engine	— 477	— 205

	Transf.	Abridg.
HUGENS, CHRISTIAN. Experiments on the prefer- vation of bodies - - -	X 492	II 245
— Experiments on animals in the air pump	— 542	— 250
— Promiscuous experiments in the air pump	— 544	
— Description of an aerial telescope -	XIV 668	
HUGHES, REV. GRIFFITH. Description of a zoo- phyton somewhat resembling the flower of the marigold - - -	XLII 590	IX 111
HUME, FRANCIS, M. D. Experiments of fish and flesh preserved in lime-water - -	XLVIII 163	
HUNAU, FRANCIS JOSEPH, M. D. Thoughts on the operation of the fistula lacrymalis	XXXIX 54	— 122
HUNTER, CHRISTOPHER. Account of some Ro- man inscriptions found near Durham	XXII 657	III 426
— Account of several Roman inscriptions and other antiquities in Yorkshire - - -	XXIII 1129	V 2 44
— An account of a Roman inscription lately dug up in the North of England; with some historical and chronological remarks thereon - - -	XXX 701	— - 49
— A copy of an ancient Roman inscription at Ro- chester, in Northumberland, and two others at Rivingham - - -	XLIII 159	X 1271
HUNTER, JOHN. On the digestion of the stomach after death - - -	LXII 447	
— Anatomical observations on the torpedo	LXIII 481	
— Account of certain receptacles of air in birds, which communicate with the lungs, and are lodged both among the fleshy parts, and in the hollow bones of those animals -	LXIV 205	
— Observations on the Gillaroo Trout, commonly called in Ireland the Gizzard Trout	— 310	
— An account of the gymnotus electricus	LXV 395	
— Experiments on animals and vegetables with respect to their power of producing heat	— 446	
— Proposals for the recovery of people apparently drowned - - -	LXVI 412	
— Of the heat of animals and vegetables	LXVIII 7	
— Account of the free martin -	LXIX 279	
— Account of a woman who had the small- pox during pregnancy, and who seemed to have communicated the same disease to the fœtus - - -	LXX 128	
— An account of an extraordinary pheasant	— 527	
HUNTER, WILLIAM, M. D. Account of the struc- ture and diseases of articulating cartilages	XLII 514	IX 267

	Transf.	Abridg.
HUNTER, WILLIAM, M. D. Observations on the bones, commonly supposed to be elephant bones, which have been found near the river Ohio in America - - -	LVIII 34	
— An account of the Nyl-ghau, or Indian animal, not hitherto described - - -	LXI 170	
HUNTINGTON, —. An explanation of the cut of two porphyry pillars in Egypt - -	XV 1252	III 530
HUTCHINS, THOMAS. Experiments made on the dipping-needle by desire of the Royal Society 1775 - - -	LXV 129	
— An account of the success of some attempts to freeze quicksilver, at Albany Fort, in Hudson's Bay, in the year 1775, with observations on the dipping-needle - - -	LXVI 174	
HUTTON, CHARLES. A new and general method of finding simple and quickly converging series, by which the proportion of a diameter of a circle to its circumference may easily be computed to a great number of places of figures - - -	— 476	
— A demonstration of two theorems mentioned in article XXV. of the Philosophical Transactions for the year 1775 - - -	— 600	
— The force of fired gunpowder, and the initial velocities of cannon-balls, determined by experiments; from which is also deduced the relation of the initial velocity to the weight of shot and the quantity of powder - -	LXVIII 50	
— An account of the calculations made from the survey and measures taken at Schehallien, in order to ascertain the mean density of the earth - - -	— 689	
— Calculations to determine at what point in the side of a hill its attraction will be the greatest, &c. - - -	LXX 1	
— Of cubic equations and infinite series - - -	— 387	
HUXHAM, JOHN, M. D. On the præter-natural structure of the genital parts of a woman - -	XXXII 408	VII 546
— Observations on a large omentum - - -	XXXIII 60	— 518
— — on an uncommon-coloured saliva - - -	— 63	— 583
— A short account of the anomalous epidemic small-pox at Plymouth, beginning in August, 1724, and continuing to June, 1725 - -	— 379	— 623
— Account of an aurora borealis seen at Plymouth, Oct. 8, 1726 - - -	XXXIV 137	VI 297

	Transf.	Abridg.
HUXHAM, JOHN, M. D. Two extraordinary case of a large stone in the urethra, brought on by the venereal infection, and a child born with a remarkable tumour on the loins -	XXXVI 257	II 536, 560
— Account of an extraordinary colic -	XXXVII 236	— 517
— Account of an extraordinary hernia inguinalis -	XLI 640	IX 164
— Observations on the passage of Mercury over the Sun, Oct. 31, 1738 -	— —	— —
— An extraordinary venereal case -	— 667	— 214
— Account of polypi taken out of the heart of several sailors just arrived at Plymouth from the West Indies -	XLII 123	— 135
— Case of Hannah Hitchcock, one of whose ureters was grown up -	XLIII 207	XI 1007
— Account of a beautiful stalactites, now in the Museum of the Royal Society -	— —	X 627
— Account of an extraordinary calculus taken out of the body of a boy -	— —	XI 967
— Account of a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it -	XLV 325	— 1020
— Observations on the northern lights, Feb. 15, 16, 1749-50 -	XLVI 472	X 485
— Account of a body found in a vault in the church of Staverton, Devonshire, after lying there upwards of 80 years -	XLVII 253	
— Medical and chemic observations on antimony -	XLVIII 83	
— Relation of the effects of lightning at Plymouth -	XLIX 16	
— Account of an agitation of the waters in Devonshire and Cornwall, Plymouth, Mount's Bay, Penzance, &c. -	— 371	
— Case of a man who died of the effects of the fire at Eddystone light-house by melted lead running down his throat -	— 483	
— Remarks on the heat of the weather in July, 1757 -	L 428	
— An account of an earthquake in Cornwall, July 15, 1757 -	— 429	
— An account of the extraordinary heat of the weather in July, 1757, and of the effects of it -	— 523	
— Two remarkable cases in surgery -	LII 515	
— Account of a person struck dead by lightning -	— 517	

I.

	Transf.	Abridg.
J. A. On the bladder of fishes - -	X 310	II 846
J. M. Observations concerning Japan, in answer to queries sent by Mr. Oldenburg -	IV 983	III 620
— An account of a strange sort of bees in the West Indies - -	XV 1030	— 775
JACKMAN, Rev. J. An explanation of the rule for finding Easter - -	XXIV 2123	VI 2 27
JACKSON, Mr. Account of the roof of a pot-house at Lambeth being thrown down by the earthquake, March 8, 1749-50 -	XLVI 700	X 507
JACKSON, HUMPHREY. An account of the discovery of the manner of making isinglass in Russia; with a particular description of its manufacture in England, from the produce of British fisheries - -	LXII 1	
JACKSON, WILLIAM, M. D. Inquiries concerning the salt-springs, and the way of salt-making at Nantwich, in Cheshire - -	IV 1060	II 352
— An appendix to the discourse concerning the salt-work - -	— 1077	— 353
JACOB, —. Observations on a solar eclipse, July 2, 1684, at Lisbon - -	XIV 749	I 296
— Observations on the lunar eclipse, Nov. 30, 1685, at Lisbon - -	XVI 206	— 338
— An account of several bones of an elephant found at Leyfdown, in the Isle of Sheppey -	XLVIII 626	
JAMES, ROBERT, M. D. Experiments made upon mad dogs with mercury - -	XXXIX 244	IX 218
JAMINEAU, ISAAC. On the late eruption of Mount Vesuvius - -	XLIX 24	
JARDINE, Lieut. Observations on the transit of Venus, June 3, 1769, at Gibraltar - -	LIX 347	
— Observations on the eclipse of the Sun, June 4, 1769, at Gibraltar - -	— —	
JARTOUX, Father. Description of the gin feng -	XXVIII 237	IV 2 314
JEAKE, SAMUEL. Elements of a short hand -	XLV 345	XI 1381
JEURAT, —. Account of an iconantidiptic telescope - -	LXIX 130	

	Transf.	Abridg.
JENKINS, SAMUEL. Figure of his machine for grinding lenses spherically	XLI 555	VIII 281
JENTY, NICHOLAS. Case of cohesion of all the intestines	L 550	
JERNEGAN, CHARLES, M.D. Case of a cystis in the liver full of water	XLIII 305	XI 971
JESSOP, ———. Account of two mineral substances found in some coal and iron mines in England	VIII 6179 X 450	II 458 — 376
—— Account of damps in mines		
JESUITS. An account of a continued succession of earthquakes at Brigue, in Valais	XLIX 616	
—— Observations on an eclipse of the Sun, April 1, 1766, in the Roman College	LIV 254	
JESUITS, MISSIONARY. On the discovery of the New Philippine Islands, with a map of the same	XXVI 189	V 2 185 — 189 VI 176, 242, 251 — 210,
—— Astronomical observations made at Ingolstadt, 1726	XXXV 556	242, 251 — 210,
—— ——— at Pekin, from November 1727 to November 1728	XXXVI 366	218, 245
—— ——— 1728, 1729	— 445	— 222,
—— ——— 1746, 1747	XLVII 319	246
D'INCARVILLE, Father. Account of the natural and artificial productions of China	XLVIII 253	
INGENHOUSZ, JOHN, M.D. Some experiments on the torpedo, made at Leghorn, January 1, 1773	LXV 1	
—— Easy methods of measuring the diminution of bulk taking place upon the mixture of common air and nitrous air, together with experiments on Platina	LXVI 257	
—— A ready way of lighting a candle by a very small electrical spark	LXVIII 1022	
—— Electrical experiments to explain how far the phenomena of the electrophorus may be accounted for by Dr. Franklin's theory of positive and negative electricity	— 1027	
—— Account of a new kind of inflammable air or gas	LXIX 376	
—— Some new methods of suspending magnetical needles	— 537	
—— Improvements in electricity	— 661	
—— On the degree of salubrity of the common air		

	Transf.	Abridg.
at sea, compared with that of the sea-shore, and that of places far removed from the sea	LXX 354	
JOHNSON, MAURICE. An account of an earthquake at Scarborough	XLI 804	IX 502
— Account of a metalline thermometer in the Museum of the Society at Spalding	XLV 128	X 446
— Account of an earthquake felt Aug. 23, 1750 at Spalding in Lincolnshire	XI.VI 725	
JOHNSON, Sir WILLIAM. On the customs, manners and language of the northern Indians of America	LXIII 142	
JOHNSON, —, M. D. An observation concerning some bones of a perfect gold colour found in animals	IX 9	III 166
JOHNSTONE, JAMES, M. D. An account of two extraordinary cases of gall-stones	L 543	
— Essay on the use of the ganglions of the nerves	LIV 177	
— History of a foetus born with a very imperfect brain; to which is subjoined a supplement to the essay on the use of ganglions	LVII 118	
— Experiments in support of the uses ascribed to the ganglions of the nerves in vol. LIV. and vol. LVII.	LX 30	
JONES, Rev. HUGH. Several observations in Maryland	XXI 436	— 600
JONES, JESSEEL. An account of the Moorish way of dressing their meat (with some remarks) in West Barbary from Cape Spartel to Cape de Geer	— 248	— 626
JONES, THOMAS. Account of an extraordinary high tide in the river Thames	XXXIV 68	I 2 167
— the high tide in the river Thames, on Feb. 16, 1735-6	XXXIX 19	VIII 643
JONES, WILLIAM. A comatious disposition of equations for exhibiting the relations of geometrical lines	XI.IV 560	X 14
— Of logarithms	LXI 455	
— Account of the person killed by lightning in Tottenham-Court-Chapel, and its effects on the building	LXII 13	
— Properties of the conic sections, deduced by a compendious method	LXIII 340	
IRONSIDE, Lieut. Col. Of the culture and uses of the cotton or sun plant of Hindostan, with an account of the manner of manufacturing the Hindostan paper	LXIV 99	
ISLE, Jos. Nic. DEL'. Observations of the eclipses		

	Transf.	Abridg.
of Jupiter's satellites from July 10, 1726, to April 12, 1728, taken at Petersburg	XXXVI 37	VI 243
ISLE, Jos. Nic. DEL'. The construction of a quicksilver thermometer, and his observations on the eclipses of Jupiter's satellites, annis 1731 and 1732	XXXIX 221	VIII 180, 468
— A proposal of the measurement of the earth in Russia, read at a meeting of the Academy of Sciences of St. Petersburg, Jan. 21, 1737	XL 27	— 339
— Letter containing the actual mensuration of the basis of the earth	— 50	— 351
— Comparison of observations relating to the parallax of Mars, made at the Cape of Good Hope, by M. de la Caille, and at Greenwich, by Mr. Bradley	XLVIII 512	
JURIN, JAMES, M. D. An account of some experiments, with an enquiry into the cause of the ascent and suspension of water in capillary tubes	XXX 739	IV 423
— Observations on the motion of running water	— 748	— 435
— Remarks on a fragment of an old Roman inscription lately found in the North of England	— 813	V 2 43
— A discourse on the power of the heart	— 863	
— Conclusion of the discourse	— 929	
— Experiments on the specific gravity of human blood	— 1000	V 326
— Letter in defence of his doctrine of the power of the heart against the objections of Dr. Keill	— 1039	— 247
— An account of some new experiments relating to the action of glass-tubes upon water and quicksilver	— 1083	IV 428
— A caution to be used in examining the specific gravity of solids by weighing them in water	XXXI 223	VI 327
— A defence of the dissertation on the motion of running water, against the animadversions of P. A. Michellotti	XXXII 179	— 431
— An account of a remarkable instance of the infection of the small-pox	— 191	VII 621
— On the danger of the inoculated small-pox compared with the natural	XXII 213	— 611
— An invitation to an association for forming meteorological diaries, with a specimen	XXXII 4	VI 2 122
— Of the measure and motion of running water	XLI 5	VIII 282
	— 65	

	Transf.	Abridg.
JURIN, JAMES, M. D. Meteorological observations made in Charles-Town in South Carolina	XLII 491	IX 276
— Letter concerning the actions of springs	XLIII 46	X 160
— An enquiry into the measure of the force of bodies in motion; with a proposal of an experimentum crucis to decide the controversy about it	— 423	— 174
— Dynamic principles, or meteorological principles of mechanics	LXVI 103	— 183
JUSTEL, —. Description and representation of the icy Mountain, called the Gletscher, in the canton of Berne, in Helvetia	VIII 6191	II 465
— An account of an engine that consumes smoak, shewn lately at St Germain's Fair in Paris	XVI 78	II 638
— An account of an extraordinary swarm of grasshoppers in Languedoc	— 147	II 788
K.		
KAY, JONATHAN. Case of a strange cancer of which his father died	XXIII 1069	V 217
KEARSLEY, —. Observations on the comet of 1736-7 at Philadelphia	XL 119	III 214
— Observations on an eclipse of the Sun, April 18, 1736-7, at Philadelphia	— 121	—
KEGLER, IGNATIUS. Observations on an eclipse of the Sun, July 15, 1730, at Pekin	XXXV 1170	VI 183
— on the immersions and emersions of Jupiter's satellites in 1729 at Pekin	— 182	— 249
— 1730	— 316	—
KEILL, JAMES, M. D. Account of the death and dissection of John Bayles, reputed to have been 130 years old	XXV 224	V 351
— On the laws of attraction, and other principles of physics	XXVI 97	V 353
— On the laws of centripetal force	— 174	— 359
— Theorems respecting the infinite divisibility of matter	XXIX 82	— 43
		KEILL,

	Transf.	Abridg.
KEILL, JAMES, M. D. Observations on the physico-mathematical commentaries of J. Bernoulli - - -	XXIX 91	IV 367
— On the strength of the heart - - -	XXX 995	V 244
KEIR, JAMES. On the crystallizations observed on glass - - -	LXVI 530	
KELLY, JAMES. Account of horns found underground in Ireland - - -	XXXIV 122	VI 224
KERKINGIUS, —, M. D. An account of what has been of late observed of eggs to be found in all sorts of females - - -	VII 4018	
KERSSEBOOM, WILLIAM. A view of the relation between Dr. Halley's tables, and the notions of M. de Buffon, for establishing a rule for the probable duration of the life of man - - -	XLVIII 239	
KIES, —. Observations on an eclipse of the Sun, Jan. 8, 1750, at Berlin - - -	XLVI 339	X 78
KILPATRICK, Sir THOMAS. An account of an extraordinary agitation of the water in a small lake at Closeburn, in the Shire of Dumfries, Feb 1, 1756 - - -	XLIX 521	
KINCK, PETER. An account of the Norwegian Finns, or Finlanders - - -	XXXV 357	VII 4 44
KING, CHARLES. On crabs eyes - - -	XXII 672	II 831
KING, Sir EDMUND, M. D. Observations on the parenchymous parts of the body - - -	I 316	II 17
— Observations on emmets or ants - - -	II 425	II 789
— An account of an easier and safer way of transfusing blood, viz. by the veins only - - -	— 449	
— Account of an experiment of transfusion of blood on a man in London - - -	— 557	— 231
— Observations concerning the organs of generation - - -	IV 1043	— 192
— Observations on insects lodging themselves in old willows - - -	V 2098	II 772
— A relation of a petrified glandula pinealis, lately found in the dissection of a brain - - -	XVI 228	III 157
— Several observations and experiments on the animalcula in pepper-water - - -	XVII 861	— 654
KING, EDWARD. An attempt to account for the universal deluge - - -	LVII 44	
— An attempt to account for the formation of spars and chrystals - - -	— 58	
— Account of a very remarkable aquatic insect - - -	— 72	

	Transf.	Abridg.
KING, EDWARD. Account of Eidenhole, in Derbyshire - - -	LXI 250	
— Some observations on a singular sparry incrustation found in Somersetshire - -	LXIII 241	
— Account of a petrefaction found on the coast of east Lothian - - -	LXIX 35	
KING, WILLIAM. Of the bogs and loughs in Ireland - - -	XV 948	II 732
KINNIER, DAVID, M. D. On the efficacy of camphire in maniacal disorders - -	XXXV 347	VII 632
KINNERSLEY, EBENEZER. New experiments in electricity - - -	LIII 84	
— Electrical experiments with charcoal - -	LXIII 38	
KIRCH, CHRISTOPHER. Observations on Mars in the autumn of 1736, made at Berlin - -	XLI 573	
KIRCH, GODFREY. Account of the different appearances of a new star in the neck of the Swan - - -	XXIX 226	IV 222
— Accurate observations on a remarkable comet seen at the end of the year 1680, at Colburg in Saxony, and which was observed thirteen days sooner before by another person - -	— 170	— 340
— Account of the comet seen at Berlin, in January, 1718 - - -	XXX 820	— 342
— Observations on the comet seen at Berlin, Jan. 18, 1718 - - -	XXXII 238	VI 258
— An account of an occultation of Venus by the Moon, Sept. 19, 1729, at Berlin - -	XXXVI 256	— 352
— An account of an occultation of Venus by the Moon Sept. 19, 1729, at Berlin - -	— —	— —
— Observations on an occultation of Paliliclus, at Berlin, Dec. 23, 1738 - -	XLI 223	VIII 134
KIRCHER, ATHANASIVS. An experiment of a way of preparing a liquor that shall sink into and colour the whole body of marble, causing a picture drawn on a surface to appear also in the inmost parts of the stone - -	I 125	I 603
KIRKBY, CHRISTOPHER. Narrative of two petrefactions in human bodies - -	VI 2158	III 150, 158
— A relation of an inland sea, near Dantzick, yielding, at a certain season of the year, a green substance, which causeth certain death - - -	VII 4069	II 491
— An observation about white amber - -	— —	— —
— An odd effect of thunder and lightning upon		

wheat and rye in the granaries at Dantzick	Transf.	Abride.
KIRKBY, CHRISTOPHER. Relation of an uncommon case in phytic at Dantzick	VIII 6092	II 174
— A relation of an human body opened at Dantzick, and of 38 stones found in the bladder thereof	— 6093	III 110
KIRKE, THOMAS. An account of a lamb suckled by a wether sheep for several months after the death of the ewe	VIII 6155	— 149
— Second letter on the same	XVIII 263	II 869
KIRKSHAW, REV SAM. Account of two pigs of lead found near Ripley, with this inscription on them, Imp. Cæs. Domitiano Aug. Cof.	— 264	
— Account of a thunder and lightning storm by which Mr. Heartly of Harrowgate was killed. Sept. 29, 1772	XLI 560	IX 420
KLEIN, JAMES THEODORE. An anatomical description of worms found in the kidneys of wolves	LXII 177	
— On an extraordinary fossil skull of an ox, with the cores of the horns	XXXVI 269	VII 456
— Account of a plica polonica mentioned in vol. XXXVII.	XXXVII 427	— 495 VII 4 101
— A picture and description of a water insect not before described	— —	VII 495
— Account of letters found in the middle of a beech-tree	XL 150	IX 6
— A picture of the size of a gigantic bone, with a problem for determining the size of the giant according to the rules of the art of drawing	XLI 231	V. II 845
— Ex veterum prussorum re antiquaria schediasma	— 308	XI 311
— Account of some petrified shells	— 384	IX 414
— Natural history of the Alpine Mouse	— 508	VI 735
— On the migration of swallows	XLV 180	XI 900
KLINGEN-TERN, SAMUEL. The general quadrature of the trinomial hyperbolic curve	LI 459	
— Dissertation of the aberration of light refracted at spherical superficies and lenses	XXXV. I 45	VI 82
KLINKENBURG, D. Observations on the comet of September and October, 1757. at the Hague	LI 944	
KNAPTON, GEORGE. Account of some statues, pictures &c. found in a subterraneous town near Naples	I 483	
	XLI 48,	X 14

	Transf.	Abridg.
KNIGHT, GOWIN, M. D. Magnetical experiments shewed before the Royal Society, Nov. 15, 1744	XLIII 161	X 678
— On the poles of magnets being variously placed	— 361	— 688
— Magnetical experiments in 1746 and 1747	XLIV 656	— 681
— On the effects of lightning destroying the polarity of a mariner's compass	XLVI 111	— 695
— The mariner's compass improved	— 505	— 689
— Account of an earthquake at London, Feb. 8, 1749-50	— 603	— 490
— Remarks on Mr. Mountaine's account of the effects of lightning, July 16, 1754	LI 294	
KNIGHT, THOMAS. Case of hair voided by urine	XLI 705	IX 182
KNOWLER, Capt. Observations on the earthquake of Lisbon, Nov. 1, 1755, made at Oporto	XLIX 421	
KNOWLTON, THOMAS. On the situation of the ancient town Delgovicia	XLIV 100	XI 1245
— Account of two men of an extraordinary bulk and weight	— —	— —
— Account of some tumuli at Danes Grave, near Kilham, Yorkshire	— 101	
— An account of two extraordinary deers horns found under-ground in different parts of Yorkshire	— 124	X 601
KOEGLER, IGNATIUS. Astronomical observations made at Pekin, 1724	XXXV 553	VI 199, 239, 251
KONIG, SIGISMUND. Case of Margaret Lower of Berne	XVI 94	II 170
KRAKE, CHRISTOPHER. The description of a monstrous child born in South Jutland	XIV 599	— 304
KRIEG, DAVID, M. D. Account of cobalt, and the preparations of smalt and arsenic	XXIV 1754	V 420
KUCKAHN, T. S. On the preservation of dead birds	LX 302	
KUNCLE, JOHN. The chymical touchstone of Mr. John Kuncle; de acido & urinoso sale calido & frigido, contra Doctor Voight's spirit. vini, vindicatum	XV 896	

L.

	Transf.	Abridg.
LAFAGE, JOHN. An account of an extraordinary aneurism of the arteria aorta near to the basis of the heart, with the symptoms thereof	XXII 696	
— An account of a dropsical body dissected	XXIV 1977	V 291
LAMBERT, ———. An account of the effect of lightning on a bullock	LXVI 493	
LANA, FRANCIS. An account of an odd salt extracted out of a metallic substance	VI 3060	III 325
— Two observations concerning some of the effects of the burning concave of Lyons	— —	— —
— On the formation of crystals	VII 4068	II 465
LANCISI, JOHN. Account of the death of Mr. Malpighi, and of the opening of his body	XIX 467	III 31
LANDE, HIERONIMUS DE LA. Observations of the transit of Venus over the Sun, June 6, 1761, at Paris	LII 216	
— Observations of the transit of Venus over the Sun, June 6, 1761, at Tobolsk, in Siberia	— 254	
— Some observations on Norwood's measure of the figure of the earth	— 369	
— An account of the comet seen at Paris in June, 1762	— 581	
— Account of occultations of the fixed stars by the Moon, made at Paris, to determine the exact difference of longitude betwixt London, Paris, and Greenwich	— 607	
— Observations on the transit of Venus, June 3, 1769, and the eclipse of the Sun, June 4 at Paris	LIX 374	
LANDEN, JOHN. An investigation of some theorems which suggest some remarkable properties of the circle, and are of use in resolving fractions whose denominators are certain multinomials, into more simple ones	XLVIII 566	

	Transl.	Abridg.
LANDEN, JOHN. A new method of computing the sums of certain series - - -	LI 553	
— A specimen of a new method of observing curvi-linear areas - - -	LVIII 174	
— New theorems for computing the areas of certain curved lines - - -	LX 441	
— A disquisition concerning certain fluents which are assignable to the arc of conic sections - - -	LXI 298	
— An investigation of a general theorem for finding the length of an arc of any conic hyperbola by means of two elliptic arcs, with some other new and useful theorems deduced therefrom - - -	LXV 283	
— A new theory of the rotatory motion of bodies affected by forces disturbing such motion - - -	LXVII 266	
LANE, THOMAS. Description of an electrometer invented by him; with an account of some experiments made by him with it - - -	LVII 451	
— A letter of the solubility of iron in simple water, by the intervention of fixed air - - -	LIX 216	
LANGELOT, JOEL, M. D. Observations on the chymical operations of digestion, fermentation, and triture or grinding - - -	VII 5052	III 315
LANGFORD, Captain. Observations upon hurricanes and their prognostics - - -	XX 407	II 105
LANGRISH, BROWNE. A new contrivance of applying receivers to retorts in distillation - - -	XLIII 254	XI 1225
LANGWITH, BENJAMIN, D. D. Account of a rainbow seen on the ground - - -	XXXI 229	VI 2 80
— — of the appearance of several arches of colours contiguous to the inner edge of a rainbow - - -	XXXII 241	VI 122
— Observations on the figures of snow - - -	— 298	VI 2 59
— Account of an aurora borealis at Petworth in Suffex, Oct. 8, 1726 - - -	XXXIV 132	— 95
LATHAM, RCV. EBENEZER, M. D. A proposal to make the poles of a globe of the heavens move in a circle round the poles of the ecliptic - - -	XL 201	VIII 217
— On the true delineation of the asterisms in the antient sphere - - -	XLI 730	— 218
— Some conjectures concerning the position of the antient sphere - - -	XLII 221	— 216
LATHAM, JOHN. Observations on the earthquake at Lisbon, Nov. 1, 1755, made at Zzufqueira - - -	XLIX 411	
— Case of a man seized with a fever from the effects of meal-dust - - -	LX 451	

	Transf.	Abridg.
LATHAM, JOHN. Account of an extraordinary dropical case	LXIX 54	
LATTERMAN, JAMES. Account of the effects of the agaric of the oak, after some of the most capital operations in surgery	XLIX 36	
— Account of some remarkable experiments on the arteries of horses, with the powder of lycoperdon, or lupi-crepitus	— 37	
LAVINGTON, —, M. D. Case of a young lady who drank sea-water for an inflammation and tumour in the upper lip	LV 6	
LAWRENCE, THOMAS, M. D. Account of the effects of lightning, June 18, 1764, in Essex Street	LIV 235	
LAYARD, DANIEL PETER, M. D. Case of a fracture of the os ilium, and its cure	XLIII 537	XI 1110
— Account of a young lady who had an extraordinary impostume formed in her stomach	XLVI 406	— 1023
— Account of the earthquake, March 8, 1749-50, at London	— 621	X 497
— A discourse of the usefulness of inoculation of horned cattle to prevent the contagious distemper among them	L 528	
— Case of a diseased eye	— 747	
— A letter giving an account of the Somersham water, in the county of Huntingdon	LVI 10	
— On the distemper among the horned cattle	LXX 536	
LEE, ARTHUR, M. D. Experiments on the Peruvian bark	LVI 95	
LEEDS, JOHN. Observations on the transit of Venus, June 3, 1769, in Maryland	LIX 444	
LEEUWENHOEK, ANTHONY VAN. Observations made with a microscope contrived by him	VIII 6037	III 683
— Figure of his microscopical observations, with their explication	— 6116	— —
— Considerations touching the compression of the air	IX 21	— —
— More microscopical observations	— 23	— —
— Microscopical observations concerning blood, milk, bones, the brain, spittle, and cuticula, &c.	— 121	— —
— Observations about sweat, fat, and tears	— 128	— —
— Microscopical observations	— 178	— —
— Microscopical observations concerning the optic nerve	X 378	— —
— Microscopical observations about the texture of the blood, the sap of plants, the figure of		

	Transf.	Abridg.
sugar and salt, and the probable cause of the difference of their tastes - - -	X 330	III 683
LEEUEWENHOEK, ANTHONY, VAN. On the texture of trees, with notes thereon - - -	XI 653	II 783
— A remarkable discovery in wine, with note thereon - - -	— —	— 873
— Observations concerning some little animals, observed in rain, well, sea, and snow water; as also in water wherein pepper had lain infused - - -	XII 821	III 683
With the manner of observing them - - -	— 844	— —
— Observations on the caruncous fibres of a muscle, and the cortical, and medullar part of the brain; as also on moxa and cotton - - -	— 899	I 216 III 684
— Microscopical observations of the structure of teeth, and other bones - - -	— 1002	— —
— Microscopical observations on the structure of the hair - - -	— 1003	— —
— Microscopical observations on ivory - - -	— —	— —
— — — — —	— 1040	— —
— Animalcula observed in semine humano - - -	— 1044	— —
— On the parts of generation - - -	XIII 74	— —
— An account of the appearances of several woods and their vessels - - -	— 197	— —
— Observations about generation by an animalcula of the male seed; animals in the seed of a frog; some other observables in the parts of a frog; digestion, and the motion of the blood in a fever - - -	— 347	— —
— Microscopical observations about animals in the scurf of the teeth, the substance called worms in the nose, the cuticula consisting of scales - - -	XIV 568	— —
— The anatomy of the slime within the guts, and the use thereof - - -	— 586	— —
— Letter concerning scales within the mouth, and the scaly child that was shewn - - -	— —	— —
— Observations about the chrystalline humour of the eye - - -	— 790	— —
— A letter concerning the parts of the brain of several animals, the chalk stones of the gout, the leprosy, and the scales of eels - - -	XV 883	— —
— Observations on the salts of wine and vinegar - - -	— 963	— 685
— On generation by an insect - - -	— 1020	— —
— On the various figures of salts contained in several substances - - -	— 1073	— —
— On generation by an insect - - -	— 1120	— 911

	Transf.	Abridg.
LEEUVENHOEK, ANTHONY VAN. Examination of the testicles of a rat, and the seed of muscles, oysters, &c.	XVII 593	III 685
— On animalcules found in the teeth	— 646	— 684
— Of the scalinets of the skin	— —	— —
— Letter concerning the seeds of plants, with observations on the propagation of plants and animals	— 700	— 685
— Observations on cinnabar and gunpowder	— 754	— —
— Observations on the texture of the bones of animals compared with that of wood	— 838	— —
— On the bark of trees	— —	— —
— On the little scales on the cuticula	— —	— —
— Microscopical observations on the seeds of cotton, palm or date stones, cloves, nutmegs, gooseberries, currants, tulips, cassia, lime trees; on the skin of the hand, and pores of sweat, the crystalline humour, optic nerves, gall, and scales of fish, and the figures of several salt particles, &c.	— 949	— —
— The history of the generation of an insect called the Wolf; with observations on insects bred in rain-water, in apples, cheese, &c.	XVIII 194	— —
— On the differences of timber growing in different countries, and felled at different seasons of the year	— 224	I 592
— Microscopical observations on eels, mites, the seeds of figs, strawberries, &c.	XIX 269	III 685
— An account of several magnetical experiments. and of a person who pretended to cure or cause diseases at a distance, by applying a sympathetick powder to the urine	— 512	— —
— Observations on the teeth, on young oysters, on the eggs of snails, and on the roots of vegetables	— 790	— —
— On the eyes of beetles	XX 169	— —
— Answer to the objections made to his opinions concerning the animalculæ in feminine masculino	XXI 270	— 686
— On the animalcula in feminine humano	— 301	— 688
— On the circulation of blood in radpoles	XXII 447	— 685
— On animalcula in the excrements of frogs	— 509	— 688
— Letter concerning gnats	— —	— —
— On the circulation of blood in botts	— 552	— 686
— On worms pretended to be taken from the teeth	— 635	— —
— On some insects observed upon fruit trees	— 659	— —

	Transl.	Abstr.
LEEUWENHOEK, ANTHONY VAN. Further observations on the animalcula in female mussels	XXII 739	
— On excrescencies growing on willow leaves	— 786	V 2 226
— On the spawn of codfish, &c.	— 821	— — —
— Letter concerning spiders, their way of killing their prey, spinning their webs, generation, &c.	— 867	— — —
— On the edge of razors, and on the different tastes of waters	— 899	— — —
— Microscopical observations	— 903	— 238
— Microscopical observations and experiments concerning the animalcula in female mussels of cocks and spiders, shortness of breath, &c.	XXIII 1137	— 164
— Observations on shortness of breath	— 1143	
— Observations on rain water	— 1152	
— On green weeds growing in water, and animalcula found about them	— 1304	
— On the dissolution of silver in water	— 1430	— 266
— On the seeds of oranges	— 1491	— — —
— On worms observed in sheep's livers, and in pasture grounds	XXIV 1527	— — —
— On a great storm at Delft	— 1535	
— On the figures of land	— 1544	
— On cochineal	— 1537	— — —
— Observations on the crystalline humour in the eye of whales, fish, and other creatures, and of the use of the eye-lids	— 1014	— — —
— Observations on the tubes or canals that convey the yellow sap in the herb called chelidonium majus, or celandine	— 1723	— 267
— Observations on tobacco ashes	— 1730	— — —
— On the fossils of Switzerland	— 1740	— — —
— On the animalcula on the roots of duck-weeds	— 1774	— — —
— Observations on staining the fingers, with a solution of silver in aqua-fortis	— 1784	— — —
— On the bark of trees	— 1794	— — —
— On the vitrified salts of calcined hay	— 1843	— — —
— On the seed vessels, and seed of polypodium	— 1856	— — —
— On the figures of the salts of crystals	— 1868	— — —
— On pumice-stone, coral, sponges, &c.	— 1906	— — —
— On the seeds of several East-India plants	— 2153	— — —
	XXV 2205	— — —

	Transf.	Abridg.
LEEUEWENHOEK, ANTHONY VAN. On the structure of the spleen, and on the proboscis of fleas	XXV 2305	V 2 267
— On the salt of pearls, oyster shells, &c.	— 2416	— — —
— On the particles of silver dissolved in aqua-fortis	— 2425	— — —
— On the cortex Peruvianus	— 2446	— — —
— On the whiteness of the tongue in fevers	— 2456	— — —
— On the blood-vessels and membranes of the intestines	XXVI 53	— — —
— On the tongue	— 111	— — —
— Observations on red coral	— 126	— — —
— On the white matter on the tongue of feverish persons	— 210	— — —
— On the circulation of the blood in fishes	— 250	— — —
— On the palates of oxen	— 294	— — —
— On Mr. Young's accounts of a bunch of hair voided by urine	— 416	V 284
— On the circulation of blood in an eel	— 444	V 2 388
— On the particles of crystallized sugar	— — —	— — —
— On the configuration of diamonds	— 479	— 267
— Observations on the edge of razors	— 493, 499	— — —
— On the crystallized particles of silver dissolved in aqua fortis	XXVII 20	— — —
— On the animalcula in semine masculino of young rams	— 316	— — —
— On the production of mites	— 398	— — —
— On the femoral vessels, muscular fibres, and blood of whales	— 458	— — —
— On the disposition of the parts, and on the texture of the skin, of elephants	— 518	— — —
— On muscles, and the manner of their production	— 529	— — —
— On the animalcula found upon duck weed	XXVIII 160	— 267
— On the fibres of muscles	XXIX 55	V 340
— On the frame and texture of muscles	— 59	— 393
— On the membranes of muscles	XXXI 12	VII 464
— On the bones, and the periosteum	— 91	— 672
— Observations upon the membranes enclosing the fasciculi of fibres, into which a muscle is divided	— 129	— 464
— On the muscular fibres of different animals	— 134	VI 2 336
— On the muscular fibres of fish	— 150	VII 43
— On the seeds of plants	— 200	VI 2 324
— On the number of pores on the leaves of box	— 231	— 327

	Transl.	Abridg.
LEEUWENHOEK, ANTHONY VAN. Observations on the magnetic quality acquired by iron upon standing a long time in the same posture	XXXII 72	I 2 27
— On the muscular fibres of several animals	— —	VI 1 468
— On the particles of fat	— 93	469
— On a fœtus, and the parts of generation of sheep	— 151	— 445
— On the callus of the hands and feet	— 156	— 480
— On the particles and structure of adamant	— 199	VI 2 226
— On the magnitude of the globules of the blood	— 341	VII 562
— Of the structure of the diaphragm	— 400	— 687
— On the palpitation of the heart	— 436	— 502
— On the generation of animals	— 438	— 473
LEGGE, EDWARD. Observations of the eclipse of the Moon, Dec. 21, 1740, at the island of St. Catherine, on the coast of Brazil	XLII 18	VIII 170
LEIBNITZ, GODFREY WILLIAM, M. D. The principles of exactness in the portable watches of his invention	X 235	I 466
— Answer to the Abbé Conti's letter on the dispute about the method of fluxions or differential method	XXX 923	IV 162
LEIGH, CHARLES. Experiments and observations about the natron of Egypt, and the nitrian water	XIV 609	II 515
— A discourse on digestion	— 694	III 94
— Account of strange epileptic fits	XXIII 1174	V 211
— A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea in thick and hazy weather, without seeing the horizon	XL 413	VIII 360
— Description and use of an apparatus added to Davis's quadrant, consisting of a mercurial level, for taking the co-altitude of the sun or a star at sea	— 417	— 362
LETHIEULIER, SMART. An account of the burning of the steeple at Danbury in Essex by lightning, Feb. 5, 1749-50	XLVI 611	X 478
LEWIS, —. An easy way of raising fruit-trees	VIII 6067	II 654
LEWIS, Rev. GEORGE. Account of some Indian MSS. lately sent to the University of Oxford	XX 421	— 397
LEWIS, Rev. JOHN. Account of the several strata of earth and fossils found in sinking the mineral Wells at Holt	XXXV 489	VI 2 225

	Transf.	Abridg.
LEWIS, Rev. JOHN. On the nature and virtues of Holt water -	XXXVI 43	VI 2 176
LEWIS, MARK. On the operation of extruding worms from the tongue -	XVIII 222	I 137
LEWIS, RICHARD. Account of an aurora borealis seen at Annapolis in Maryland, October 22, 1730 -	XXXVII 69	VI 2 122
— Account of an earthquake at Annapolis in Maryland, Sept. 5, 1725, and of an explosion of the air at the same place -	XXXVIII 119	VIII 685
— Account of a remarkable generation of insects at Annapolis in Maryland -	— —	IX 1
LEWIS, WILLIAM. Experimental examination of Platina -	XLVIII 638	
— — — — —	L 148	
— — — — —	— 156	
LEXEL, I. A. —. Occultations of α and γ Tauri by the Moon -	XLV 280	
— Theorems for making the solution of polygons as easy as that of triangles by common trigonometry -	— 281	
— On the periodical time of the comet of 1770 -	LXIX 68	
LEVEL, ADAM. Account of a human body found in a copper mine -	XXXIII 136	VI 2 204
LHWYD, EDWARD. Account of the fiery exhalation in Merionethshire -	XVIII 223	II 180
— Account of a great storm of hail in Monmouthshire -	XIX 579	— 148
— Description of several figured stones -	XX 279	— 511
— Account of a figured stone lately found in Wales; with a note on it by Hans Sloane -	XXI 187	— 511
— Account of some Roman, French, and Irish inscriptions and antiquities lately found in Scotland and Ireland -	XXII 768	IV 2 322
— Account of some fossils -	XXIV 1566	— 264
— Account of a very large stone voided per urethram -	— 1804	V 288
— Several observations in natural history made in travels through Wales -	XXVII 462	— 34
— — — — —	— 456	V 2 117
— — — — —	— 467	V 34
— — — — —	— 500	V 2 118
— Several observations relating to the antiquities and natural history of Ireland in his travel through that kingdom -	— 503	— 125
— — — — —	— 524	— 126

	Transf.	Abridg.
LHWYD, EDWARD. An account of some uncommon plants growing about Pensance and St. Ives, in Cornwall	XXVII 522	
— Observations on natural history and Antiquities in his travels through Wales and Scotland	XXVIII 93	V 2 120 — 123
— Some remarks of an undescribed plant, and some particulars observed in Wales	XXVIII 275	— 122
LIESGANIG, —. A short account of the measurement of three degrees of latitude under the meridian of Vienna	LVIII 15	
LIMBOURG, JOHN PHILIP DE, M. D. Observations on various sorts of worms as well human as from hares	LVI 126	
LINCKIUS, JOHN HENRY. Commentary on cobalt	XXXIV 192	VI 2 236
LIND, JAMES, M. D. Observations on the transit of Venus, June 3, 1769, at Hawkhill	LIX 339	
— Observations on an account of the eclipse of the Moon, Nov. 12, 1769, made at Hawkhill near Edinburgh	— 363 LXV 353	
— Description and use of a portable wind gage		
LINDESTOLPE, JOHN. Case of the head and ribs of a foetus brought forth by the anus	XXXIII 171	VII 557
LINDO, MOSES. An account of a new dye from the berries of a weed in South Carolina	LIII 238	
LINING, JOHN. Statical experiments made on himself for one whole year, accompanied with meteorological observations, and fix general tables	XLII 491 XLIII 318	II 276 XI 1350
— Additions to his statical experiments		
— A letter concerning the weather in South Carolina, with abstracts of the tables of his meteorological observations in Charles Town	XLV 336	X 456
— Account of the quantity of rain fallen at Charles Town in South Carolina from January 1738, to December 1752	XLVIII 284	
— Answer to several queries concerning his experiment of electricity with a kite	— 757 IX 217	
LINUS, FRANCIS. Animadversions upon Sir Isaac Newton's theory of light and colours	— 219 X 386	I 161 II 194
— Optical assertions concerning the rainbow	— 388	I 315
— Optical experiments concerning the rainbow		
LISTER, MARTIN. Account of an insect likely to yield an acid liquor	V 2067	II 792
— Note of Pliny about the bleeding of the mulberry tree, and of the fycamore	— 2069	— 686

	Transf.	Abridg.
LISTER, MARTIN. On the manner of spiders projecting their threads	V 2104	II 796
— Inquiries and experiments touching the motion of sap in trees	VI 2119	— 686
— Some observations touching colours, in order to the increase of dyes, and the fixation of colours	— 2132	III 658
— An observation concerning certain insect-husks of the kermes kind	— 2165	II 766
— Account of a kind of fly that is viviparous	— 2170	— 787
— A set of curious inquiries about spiders, and a table of the several sorts of them to be found in England, amounting to at least 33	— —	— 793
— An account of an insect feeding upon Henbane; the horrid smell of which is in that creature so qualified thereby as to become in some measure aromatic; together with the colour yielded by the eggs of the same	— 2176	— 783
— The kind of insect hatched of the English kermes, also the use of these purple insect husks for tinging, together with a comparison made of this English purple kermes with the scarlet-kermes of the shops	— 2196	— 766
— On vegetable excrescences	— 2254	— 768
— Observations upon that kind of wasps, called vespæ ichneumones; especially their several ways of breeding, and, among them, that odd way of laying their eggs in the bodies of caterpillars, &c.	— 2279	— 769
— Confirmation of Mr. Ray's observation about musk scented insects, adding some notes upon Dr. Swammerdam's book of insects, and on that of Steno concerning petrified shells	— 2219	— 765
— A letter enlarging his observations about ichneumon worms	— 2281	— 703
— Some additions	— 2284	— 770
— — — — —	— 3002	— 768
— — — — —	— —	— 784
— Discovery of another musk scented insect	— —	792
— An inquiry concerning tarantula's	— —	— 912
— An account of veins observed in plants analogous to human veins	— 3052	— 691
— An account of a stone cut out from under the tongue of a man	VII 4062	III 155
— Letter concerning animated horse hairs, rectifying a vulgar error	— 4064	II 771
— Enlargement and correction of his former notes		

	Transl.	Abridg.
upon kermes; and withal insinuating his conjectures of cochineils being a sort of kermes	VII 5059	
LISTER, MARTIN. A description of an odd kind of mushroom yielding a milky juice much hotter upon the tongue than pepper	— 5116	— 623
— A further account concerning the existence of veins in all kind of plants; together with a discovery of the membranous substance of those veins, and of some acids in plants resembling those of senie; and also of the acrement of the venal juice in vegetables with blood of animals, &c.	— 5131	II 693
— Anatomical observations and experiments concerning the unalterable character of the whiteness of the chyle within the lacteous veins; together with divers particulars observed in the guts, especially some sorts of worms found in them	VIII 6060	— 102
— Letter taking notice of Mr. Wallis's remark on his observations on the veins of plants	— —	— 696
— A description of certain stones figured like plants, and by some observing men esteemed to be plants petrified	— 6181	— 493
— A letter concerning the first part of his table of snails, together with some queries relating to those insects, and the tables themselves	IX 96	— 112
— Observations and experiments made for the Royal Society	— 221	— 431
— — — — —		466, 49
— — — — —		505, 518
— — — — —		555, 624
— Observations on the astroites or star stones	X 274	— 503
— Relation of some odd worms vomited by children	— 391	III 135
— Observations made at Barbadoes	— 399	— 560
— An account of an experiment made for altering the colour of the chyle in the lacteal vein	XIII 6	— 102
— — of a Roman monument found in the bishoprick of Durham, and of some Roman antiquities at York	— 70	— 423
— Relation of a man bitten with a mad dog, and dying of the hydrophobia	— 162	II 276
— Observations upon Roman antiquities at York	— 238	III 419
— Some probable thoughts of the whiteness of the chyle	— 242	— 106
— On the use of the intestinum cæcum	XIV 457	— 425

	Transl.	Abridg.
LISTER, MARTIN. Observations of the midland salt-springs of Worcestershire, Staffordshire, and Cheshire	XIV 489	II 361
— A way (which seems to be the true method of nature) of distilling sweet and fresh water from the sea-water by the breath of sea plants growing in it	— —	— 297
— The breath of the sea plants probably the material cause of the trade or tropick winds	— —	II 129
— Of the nature of earthquakes	— 512	— 420
— Observations concerning the spontaneous firing of the pyrites	— 515	—
— Observations concerning thunder and lightning proceeding from pyrites	— 517	— 182
— Account of bees breeding in cases made of leaves	— 592	—
— Account of a viviparous fly	— —	— 787
— Letter on the projection of the threads of spiders	— —	— 796
— Account of some very aged persons in the North of England	— 597	III 304
— An ingenious proposal for a new sort of maps of counties, together with tables of sands and clays, such chiefly as are found in the North parts of England	— 739	II 450
— On the rising and falling of the quicksilver in the barometer	— 790	— 18
— Experiments about freezing, and the difference betwixt common fresh water ice, and that of the sea water: also a probable conjecture about the original of the nitre of Egypt	XV 836	— 164
— Account of a stone grown to an iron bodkin in the bladder of a boy	— 882	III 162
— Letter to Mr. Ray concerning some particulars that might be added to the ornithology	— 1159	II 849, 855
— Answer to Mr. Dale's three queries relating to shells	XVII 641	III 312
— Account of transparent pebbles mostly of the shape of ombrie or brontie	— 778	II 497
— The manner of making steel, and its temper; with a guess at the way the ancients used to steel their picks, for the cutting and hewing of porphyry	— 865	— 560
— Description of certain shells found in the East Indies	— 870	— 826, 831

	Transf.	Abridg.
LISTER, MARTIN. An account of the nature and differences of the juices, more particularly of our English vegetables	XIX 365	II 696
— Account of several plants which may be usefully cultivated for producing grafs or hay	— 412	I 748
— An account of the long worm which is troublesome to the inhabitants of Fort St. George in the East Indies	— 417	III 138
— The anatomy of the scallop	— 567	II 829
— Of a venomous scratch with the tooth of a porpoise, its symptoms and cure	— 726	— 842
— His opinion of Dr. Clarke's observations on the polypus of the lungs	— 779	III 68
— Account of two boys bit by a mad dog	XX 247	
— An objection to the new hypothesis of the generation of animalculæ in femine masculino	— 337	— 685
— Account of coal borings in Yorkshire	XXI 73	II 599
— Remark on Dr. Cay's account of the virtues of the ostracites	— 81	— 505
— On the origin of white vitriol, and the figure of its crystals	— 331	— 537
— On pondered blues passing in the lacteal veins	XXII 819	V 259
LLOYD, EDWARD. Account of a paper made of the linum asbestum found in Wales	XIV 823	II 529
LLOYD, JOHN. Account of Elden Hole in Derbyshire	LXI 250	
— Journal of the quantity of rain that fell at Holme, near Manchester, from 1765 to 1769; and at Barrow, near Leeds, from 1772 to 1777	LXVIII 571	
LLOYD, PHILIP, M. D. Of the diseases and remedies incident to northern countries	XXI 311	III 606
LOCKE, JOHN. Account of a poisonous fish in one of the Bahama Islands	X 312	II 842
— An account of one who had horny excrescences or extraordinary large nails on his fingers and toes	XIX 694	III 13
— Account of a person who can neither read nor write, and yet will reckon sums with great exactness	XXII 893	V 2 219
— A register of the weather kept at Oates in Essex	XXIV 1917	IV 2 48
— Translation of a letter concerning the books and ancient writings dug out of the ruins of an edifice near the site of the old city of Herculaneum	XLIX 112	

	Transf.	Abridg.
LODWICKE, FRANCIS. An essay towards a universal alphabet and new primer -	XVI 126	III 373
— A second essay concerning the universal primer	— 134	— 378
LOGAN, JAMES. Account of Mr. Thomas Godfrey's improvement of Davis's quadrant transferred to the mariner's bow -	XXXVIII 441	VIII 366
— Some experiments concerning the impregnation of the seeds of plants -	XXXIX 192	— 804
— On the crooked and angular darts of lightnings in thunder storms -	— 240	— 507
— Thoughts concerning the Sun and Moon, when near the horizon, appearing larger than when in the zenith -	— 404	— 377
LONG, JOHN. A new method for making logarithms, and finding the number corresponding to a logarithm given, with tables	XXIX 52	IV 160
LONGFIELD, JOHN, M. D. Longitude of Cork deduced from astronomical observations	LXIX 163	
LORD, REV. THOMAS. Account of some worms whose parts live after they have been cut asunder -	XLII 522	IX 117
LORIMER, J. Description of a new dipping-needle -	LXV 79	
LOVELL, Lord. Account of a meteor seen near Holkham in Norfolk, in Aug. 1741	XLII 183	VIII 521
LOWER, RICHARD, M. D. The success of the experiment of transfusing the blood of one animal into another -	I 352	III 226
— On making a dog draw his breath like a broken-winded horse -	II 544	— 65
— An experiment of transfusion of blood upon a man in London -	— 557	— 231
— An observation concerning a blemish in an horse's eye not hitherto discovered by any author -	— 613 — 864	II 684
LOWTHER, Sir JAMES. An account of the damp air in a coal-pit of Sir James Lowther, bart. sunk within 20 yards of the sea	XXXVIII 109	VIII 656
LOWTHORP, J. An experiment of the refraction of the air -	XXI 339	I 228
LUC, JOHN ANDREW DE. Account of a new hygrometer -	LXIII 404	
— Rule for measuring heights by the barometer, reduced to the English measure of length, and adapted to Fahrenheit's thermometer, and other scales of heat, and reduced to a more convenient expression -	LXIV 158	

	Transf.	Abridg.
LUC, J. A. DE. Barometrical observations on the depth of the mines in the Harz -	LXVII 401	
— An essay on pyrometry and areometry, and on physical measures in general -	LXVIII 419	
— A second paper concerning some barometrical measures in the mines of the Harz -	LXIX 485	
LUCAS, ANTHONY. On Mr. Newton's coloured spectrum, and objections to his theory of light and colours -	XI 692	I 165
LUCAS, CHARLES. A description of the cave of Kiltorney, in the barony of Burren in Ireland -	XLI 360	VIII 668
— The figure of some very extraordinary calculous concretions formed in the kidney of a woman -	XLIV 465	XI 1001
LUCAS, ROBERT. On the relief he found in the stone from the use of Alicant soap and lime-water -	— 463	— 1000
LUCATELLI, JOSEPH. Description of the Spanish sembrador, or new engine for ploughing, and equal sowing all sorts of grain, and harrowing at once -	V 1056	
LUDLAM, REV. WILLIAM. An account of a balance of a new construction, supposed to be of use in the woollen manufacture -	LV 205	
— Observations on the transit of Venus and eclipse of the Sun, June 3, 1769, at Leicester -	LIX 236	
— An account of an occultation of the star ρ Tauri, by the Moon, observed at Leicester -	LX 355	
— Astronomical observations made at Leicester for determining the latitude of that place -	LXV 366	
— Occultation of α and γ Tauri by the Moon -	— 370	
— An eclipse of the Sun, June 24, 1778, observed at Leicester -	XXVIII 1019	
— The principal properties of the engine for turning ovals in wood or metal, and of the instrument for drawing ovals upon paper demonstrated -	LXX 378	
LUFFKIN, THOMAS. On the application of an air-pump to cupping glasses -	XXI 287	III 265
— On the use of numerical figures in England, as old as 1060 -	— —	I 103
— On the application of the pneumattick engine to cupping glasses -	— 408	III 265
— Account of some large bones lately found in a gravel-pit near Colchester -	XXII 924	IV 21

	Transf.	Abridg.
LUKENS, JOHN. Observations on the transit of Venus, June 3, 1769, in Philadelphia	LIX 289	
LULOFS, JOHN. Observations on the transit of Venus, June 6, 1761, at Leyden	LII 25 5	
— An account of an eclipse of the Moon, May 8, 1762	— 650	
— Observations of the eclipse of the Sun of August 16, 1765, made at Leyden	LVI 30	
LYNN, GEORGE. A method for determining the geographical longitude of places, from the appearance of the common meteors, called falling stars	XXXV 351	VI 400
— Observations on the lumen boreale at Southwick in Northamptonshire, Oct. 8, 1726	XXXIV 253	VI 2 109
— Some observations of eclipses of Jupiter's satellites made at Southwick, 1730	XXXIX 196	VIII 180
— Remarks on the weather, accompanying three synoptical tables of meteorological observations for fourteen years from 1726 to 1739	XLI 686	— 604
LYONS, ISRAEL. Calculations in spherical trigonometry abridged	LXV 470	
LYONS, D. M. D. Description of the Cephus	LII 135	
— Case of the late reverend James Bradley	— 635	
— Case of a girl who swallowed three pins, and discharged them at the shoulder	LIX 9	
LYTTELTON, REV. CHARLES. Description of a beautiful nautilus	VLV 320	X 639
— — — — —	XLVI 598,	
— Account of a non-descript petrified insect	600	— 656

M.

	Transf.	Abridg.
MACBRIDE, DAVID, M. D. Account of the reviviscence of some snails which had been preserved many years in Mr. Simon's cabinet	LXIV 432	
— An improved method of tanning leather	LXVIII 111	
MACCLESFIELD, Earl of. Remarks upon the solar and lunar years, the cycle of 19 years, commonly called the golden number, the epact, and a method of finding the time of Easter as it is now observed in most parts of Europe	XLVI 417	X 131
— Thermometrical observations made by M. Demidoff, at Solikamsky, on the borders of Siberia, lat. 59°, in 1751, by a thermometer adapted to M. de l'Isles's scale, which, in this extract, are reduced, likewise to those of Fahrenheit, and M. Reaumur	XLVIII 107	
— Observations on an eclipse of the Sun, 1769, at Shirborn castle	LIX 172	
MAC GOUAN, JOHN. Extract of meteorological observations kept at Hawkhill, near Edinburgh, 1773, to 1776	LXVIII 564	
MACHEL, THOMAS. Account of some antiquities in Westmoreland	XIV 555	II 430
MACHIN, JOHN. Case of a distempered skin	XXXV, 1299	IX 105
— Solution of Kepler's problem	XL 205	VIII 73
MACKARTNESS, J. Case of an extraordinary stone voided per anum	XLI 500	IX 170
MACKENZIE, ALEXANDER, M. D. Account of a woman living without food or drink	LXVII 1	
MACKENZIE, GEORGE, M. D. Account of the coatî mondi of Brazil	XXXII 317	VII 449
MACKENZIE, MORDACH, M. D. State of the tides in the Orkneys	XLVI 149	X 577
— Account of the earthquakes at Smyrna	— 70	— 526
— of the plague at Constantinople	XLVII 384	
— Further account of the late plague at Constantinople	— 514	

	Transf.	Abridg.
MACKENZIE, MORDACH, M. D. Account of an earthquake at Constantinople, September 16, 1754 - - -	XLVIII 819	
— Of the plague at Constantinople - - -	LIV 69	
MACKINLAY, ROBERT. Account of a late eruption of Mount Vesuvius, and of the discovery of an antient statue of Venus at Rome - - -	LII 44	
MACKY, ———. Account of a disease at Edinburgh in 1497, supposed to be venereal - - -	XLII 420	IX 213
MACLAURIN, COLIN. On the construction and measure of curves - - -	XXX 803	IV 51
— A new universal method of describing all curves of every order by the assistance of angles and right lines - - -	— 939	— 57
— Account of a monstrous birth in Lorrain - - -	XXXII 346	VII 688
— On equations with impossible roots - - -	XXXIV 104	VI 19
— On the roots of equations, with the demonstration of other rules of algebra - - -	XXXIV 59	— 25
— The description of curve lines - - -	XXXIX 143	
— An abstract of what has been printed since the year 1721, as a supplement to a treatise concerning the description of curve lines published in 1719, and of what the author proposes to add to that supplement - - -	— 148	
— Observations on the solar eclipse, Feb. 18, 1736-7, at Edinburgh - - -	XL 177	VIII 140
— A rule for finding the meridional parts to any spheroid with the same exactness as in a sphere - - -	XLI 808	— 110
— Of the bases of the cells wherein the bees deposit their honey - - -	XLII 565	IX 2
MADDEN, T. M. D. An account of two women being poisoned by the simple distilled water of laurel leaves, and of several experiments upon dogs - - -	XXXVII 84	VI 2 137
— An account of what was observed upon opening the corpse of a person who had taken several ounces of crude mercury internally; and of a plum-stone lodged in the coats of the rectum - - -	XXXIX 291	IX 152
MAGEE, WILLIAM. Observations on the transit of Venus, June 6, 1761, at Calcutta - - -	LII 582	
MAHON, Lord. Description of a most effectual method of securing buildings against fire - - -	LXVIII 884	
MAIRE, ———. Observations on an eclipse of the Moon, Dec. 23, 1749, at Rome - - -	XLVI 321	X 91
— Observations on an eclipse of the Sun, Jan. 8, 1750, at Rome - - -	— —	— 78

	Transf.	Abridg.
MAITLAND, WILLIAM. Remarks on the bills of Mortality of Augsburg, from 1501, to 1720	XXXVIII 98	IX 325
MAKENZY, Sir GEORGE. Remarks on the transactions of April, 1675	X 305	II 104, 321
— Account of an obelisk thrown down by a violent wind, of an extraordinary lake in Scotland, of lake Ness, and of a petrifying rivulet	— 307	III 603
— Observations on natural history made in Scotland	— 396	— 539
MALEVERER, —. Account of coal boarings at Arncliffe in Yorkshire	XXI 73	II 599
MALLET F. — of the transit of Venus, June 6 1761, at Upsal	LVI 72	
— Theory of the parallaxes of altitude for the sphere	— 244	
MALLET, J. A. The most advantageous construction of water wheels, &c.	LVII 372	
— Observations on the transit of Venus, June 3, 1769, at Geneva	LX 363	
MALPIGHI, MARCELLUS. Discoveries concerning the brain	II 491	III 23
— Discoveries concerning the tongue	— —	— 58
— An observation about the epiploon, or the double membrane, which covers the entrails of animals, and is filled with fat	— 553	II 658
— Anatomical observations on the structure of the lungs of frogs, tortoises, &c. and perfecter animals, as also the texture of spleen, &c.	VI 2149	II 653, 817
— An improvement of the Bononian stone	XII 842	III 346
— Account of a kidney of an unusual shape and texture taken out of the body of a man, with observations on horns and glandules in general.	XIV 601	II 865, III 682
— On the structure of the womb	— 630	— 197
MANCINI, CH. ANT. The description of a way, said to be new and universal, for working convex spherical glasses upon a plain, for all practicable lengths, without other ditches or concave moulds	III 837	
MANFREDI, EUSTACHIUS. Observations on the eclipse of the Moon, September 1, 1718, at Bologna	XXXIII 75	VI 187
— Astronomical observations made at Bologna	XXXV 534	
— Observations on the eclipse of the Moon, July 28, 1729, at Bologna	XXXVI 215	— 207
— Observations on an eclipse of the Moon, Dec. 1, 1732, at Rome	XXXVIII 85	VIII 161

	Transf.	Abridg.
MANFREDI, EUSTACHIUS. Observations on some of the eclipses of jupiter's satellites, 1732, 1733	XXXVIII 117	VII 179
— — on the transit of Mercury, October 31, 1736, at Bologna	XL 103	— 194
— On the eclipse of the Sun, August 4, 1738, at Bologna	XLI 94	
MANGOLD, MATTHIAS, M. D. Description of a mathematico-historical table	XI 667 LXI 555	
MANN, THEOD. AUG. On rivers and canals		
MANCELL, ARNOLD. Method of making magnets without a loadstone	XXXVII 294 III 668	VI 2 270
MARRIOTTE, Abbé. New discovery on vision		
— Answer to Mr. Pecquet concerning the opinion that the choroides is the principal organ of vision	V 1203	II 833
MARSHAL, Earl (of England). A description of the diamond mines	XII 907	— 464
MARSHALL, HUMPHREY. Sketches of the solar spots	LXIV 194	
MARSHALL, JOHN. Account of the Bramines	XXII 729	V 365
MARSHAM, ROBERT. On the growth of trees	LI 7	
— On the usefulness of washing and rubbing the stems of trees	LXVII 12	II 425, 657
MARTELL, — DE. Observations made in the southern parts of France	V 1179	III 309
— A way of prolongation of the human life	— —	— —
MARTIN, MARTIN. Observations made in the north islands of Scotland	XIX 727	— 543
— A relation of a deaf and dumb person, who recovered his hearing and speech after a violent fever: with some other medicinal and surgical observations	XXV 2469	V 357 V 2 127
MARTIN, WILLIAM. Case of an extraneous body forced into the lungs	LV 39 LVII 217	
— On the heat of the climate in Bengal		
MARTINDALE, ADAM. Account of a rock of natural salt at Rotherton in Cheshire	V 2015	II 523
MARTINEAU, DAVID. Case of stones voided per anum	XXXII 433	VII 520 VI 2 190,
MARTYN, JOHN. Observations in natural history made in a journey to the Peak, in Derbyshire	XXXVI 22	333
— Account of a new purging spring at Dulwich in Surry	XLI 835	VIII 653
— Observations on an aurora australis, March 18, 1738-9, at London	— 840	
— Account of a new species of fungus	XLIII 263	X 705

MARTYN,

	Transf.	Abridg.
MARTYN, JOHN. Account of an earthquake, Feb. 8, 1749-50, at Chelica - -	XLVI 609	X 493
— March 8, 1749-50, at Chelica - -	— 630	— 501
— On the sex of holly - -	XLVIII 613	
MASCALE, Magistrate of. Account of an eruption of Mount Ætna, 1755 -	XLIX 209	
MASERES, FRANCIS. A method of finding the value of an infinite series of decreasing quantities of a certain form, when it converges too slowly to be summed in the common way, by the mere computation and addition or subtraction of some of its initial terms -	LXVII 187	
— A method of finding, by the help of Sir Isaac Newton's binomial theorem, a near value of the very slowly-converging infinite series $x + \frac{x^2}{2} + \frac{x^3}{3} + \frac{x^4}{4} + \frac{x^5}{5}$, &c. when x is very nearly equal to 1.	LXVIII 895	
— A method of extending Cardan's rule for resolving one case of a cubick equation $x^3 + qx = r$ to the other case of the same equation, which it is not naturally fitted to solve, and which is therefore called the irreducible case - - -	— 902	
— Appendix - - -	LXX 85	
— A conjecture concerning the method by which Cardan's rules for resolving the cubic equation $x^3 + qx = r$ in all cases (or in all magnitudes of the known quantities q and r) and the cubic equation $x^3 - qx = r$ in the first case of it (or when r is greater than $\frac{2q\sqrt{q}}{3\sqrt{3}}$, or $\frac{r}{4}$ is greater than $\frac{q^3}{27}$), were probably discovered by Scipio Ferreus of Bononia, or whoever else was the first inventor of them -	— 221	
MAKSELYNE, NEVIL, D. D. A proposal for discovering the annual parallax of Sirius -	LI 889	
— A theorem of the aberration of the rays of light refracted through a lens, on account of the imperfection of the spherical figure -	LII 17	
— Observations to be made on the parallax of the Moon at St. Helena, and recommending the same to be made at Paris and Greenwich,		

	Transf.	Abridg.
to settle the difference of longitude between Paris and St. Helena	LII 21, 26	
MASKELYNE, NEVIL, D. D. Observations on the transit of Venus, June 6, 1761, at the island of St. Helena	— 196	
— Observations on Mr. John Shelton's clock, made at St. Helena	— 434	
— The results of observations of the distance of the Moon from the Sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship, from time to time; together with the whole process of computation used on this occasion	— 558	
— Observations on the tides at St. Helena	— 586	
— Proposals for determining the difference of longitude betwixt London, Paris, and Greenwich, by occultations of fixed stars by the Moon	— 607	
— Concise rules for computing the effects of refraction and parallax in varying the apparent distance of the Moon from the Sun or a star; also an easy rule of approximation for computing the distance of the Moon from a star, the longitude and latitude of both being given, with demonstrations of the same	LIV 263	
— Remarks upon the equation of time, and the true manner of computing it	— 336	
— Astronomical observations at St. Helena	— 348	
— Observations on Mr. Mason's account of the going of Mr. Ellicott's clock at St. Helena	— 380	
— Astronomical observations at Barbadoes	— 389	
— Introduction to Mr. Smeaton's papers, on the menslrual parallax arising from the mutual gravitation of the earth and Moon, and its influence on the observations of the Sun and planets; and on a new method of observing the heavenly bodies out of the meridian	LVIII 154	
— Introduction to the observations made by Ch. Mason and Jer. Dixon, for determining the length of a degree of latitude, in the provinces of Maryland and Pennsylvania in North America	— 270	
— Length of a degree of Latitude in the provinces of Maryland and Pennsylvania; deduced from		

	Transf.	Abridg.
the observations of Messieurs Maſon and Dixon	LVIII 323	
MASKELYNE, NEVIL, D. D. On the proportion of Engliſh and French meaſures	— 326	
— Observations on the tranſit of Venus over the Sun, and on the eclipſe of the Sun, June 3, 1769	— 355	
— Observations on the eclipſes of Jupiter's firſt ſatellite in 1769	LIX 399	
— Observations on the occultations of fixed ſtars in 1769, at Greenwich	— —	
— Observations on the eclipſe of the Moon, Dec. 12, 1769, at Greenwich	— —	
— Deſcription of a method of meaſuring differences of right-aſcenſion and declination, with Dollond's micrometer, together with other new applications of the ſame	LXI 536	
— Remarks on Hadley's quadrant, tending principally to remove the difficulties which have hitherto attended the uſe of the back obſervation, and to obviate the errors that might ariſe from a want of paralleliſm in the two ſurfaces of the index glaſs	LXII 99	
— M. de Luc's rule for meaſuring heights by the barometer, reduced to the Engliſh meaſure of length, and adapted to Fahrenheit's thermometer, and other ſcales of heat, and reduced to a more convenient expreſſion	LXIV 158	
— Observations of eclipſes of Jupiter's firſt ſatellite at Greenwich, compared with obſervations of the ſame, made by Samuel Holland in North America, and the longitudes of places thence deduced	— 184	
— Immersions and emerſions of Jupiter's firſt ſatellite obſerved at Jupiter's inlet, on the iſland of Antecoſta, North America, and the longitude of the place deduced from compariſon with obſervations made at the Royal Obſervatory at Greenwich, by the Aſtronomer Royal	— 190	
— A propoſal for meaſuring the attraction of ſome hill in this kingdom by aſtronomical obſervations	LXV 495	
— An account of obſervations made on the mountain Schehallien for finding its attraction	— 500	
— Longitude of Cork ſettled from Dr. Longfield's obſervations	LXIX 179	

	Transf.	Abridg.
MASKELYNE, NEVILLE, D. D. Account of a new instrument for measuring small angles, called the prismatic micrometer	LXVII 799	
MASON, ABRAHAM. Observation on the transit of Venus, June 6, 1761, at the Cape of Good Hope	LII 378	
— Relation of an extraordinary agitation of the sea at Barbadoes, March 31, 1761, and an epidemical disorder in that island	— 477	
MASON, CHARLES, D. D. Observations on an eclipse of the Sun, Feb. 18, 1736-7, at Cambridge	XL 197	
— Account of a fire ball seen in the air Dec. 11, 1741	XLII 1	VIII 524
— On spelter and melting iron with pit coal	XLIV 370	X 671
— Account of a burning well at Broseley	—	— 586
MASON, CHARLES. Observations for proving the going of Mr. Ellicott's clock at St. Helena	LII 534	
— Observations for determining a degree of latitude in Maryland and Pennsylvania	LVIII 274	
— Astronomical observations made in the forks of the river Brandivine in Pennsylvania, for determining the going of a clock sent thither by the Royal Society, in order to find the difference of gravity between the Royal Observatory at Greenwich, and the place where the clock was set up in Pennsylvania	— 329	
— Astronomical observations at Cavan in Ireland, 1769	LX 454	
— Observations on the transit of Venus, June 3, 1769, at Cavan	— 488	
MASSON, FRANCIS. An account of three journeys from the Cape Town, in the Southern parts of Africa, undertaken for the discovery of new plants, towards the improvement of the Royal Botanical Gardens at Kew	LXIV 268	
— Account of the island of St. Miguel	LXVIII 601	
MATHER, COTTON. Extracts of several letters from New England	XXIX 62	V 159
MATTHEWS, EDWARD. Account of the sinking of a river near Pontypool in Monmouthshire	XLIX 547	
MAUD, JOHN. On Sir James Lowther's experiment on inflammable air	XXXIX 282	IX 396
— Account of some oil of sassafras crystallized	XL 378	— 394
MAUDUIT, ISRAEL. Observations upon an American wasp's nest	XLIX 205	
MAUNDER, —. Account of an aurora borealis, Nov. 10, 1699	XXX 1101	IV 2 164

	Transf.	Abridg.
MAUPERTUIS, PETER LEWIS DE. Conjectures concerning stars which sometimes disappear, and on the annulus round Saturn	XXXVII 240	VI 331
— Two problems concerning the figures of fluids resolving about an axis	— —	— —
MAURICE, M. DE S. M. D. Account of the formation of a foetus in the testicle	XIII 285	III 212
MAWGRIDGE, ROBERT. Relation of the effects of thunder and lightning on the Trumbull galley Nov. 26, 1696	XIX 782	II 176
MAXWELL, JOHN. Account of the Cape of Good Hope	XXV 2423	V 2 115
— On the variation of the compass or magnetic needle in the Atlantic and Ethiopick oceans, 1706	— 2433	IV 455
MAYER, CHRISTIAN. Account of the transit of Venus, June 6, 1661, at Schwefingen	LIV 163	
— Observations on the eclipse of the Moon, March 20, 1764, at Schwefingen	— 165	
— Observations on the eclipse of the Sun, April 1, 1764, at Schwefingen	— 169	
— Astronomical observations at Swetzingen in 1767 and 1768	LVIII 345	
— Observations on the transit of Venus, June 3, 1769, at Gryphiswald	LLX 284	
MAYERNE, Sir THEODORE, M. D. On the diseases of dogs	XVI 408	II 870 III 282
— A discourse of the viper, and some other poisons, after discoursing with Mr. Pontæus	XVIII 162	II 645, 814
MAYNE, ZACHARY. Account of a spout of water that happened at Topsham, at the river between the sea and Exeter	XIX 28	II 104
MAZEAS, Abbé. Account of the success of some experiments in electricity lately made in France	XLVII 554	
— Observations upon the electricity of the air made at the Chateau de Maintenon in June, July, and October 1753	XLVIII 377	
— On the toxicodendron	XLIX 157	
— On the ancient method of painting, revived by Count Caylus	— 652	
MEAD, RICHARD, M. D. Three cases of the hydrophobia	XXVI 433	V 367
MELVIL, T. On the cause of the different refrangibility of the rays of light	XLVIII 261	
MERCATOR, NICHOLAS. Problem on some points of navigation	I 215	I 576

	Transf.	Abridg.
MERCATOR, NICHOLAS. Illustrations of the logarithmo-technia	III 759	
— Considerations concerning his geometrical and direct method for finding the apogees, eccentricities, and anomalies of the planets	V 1168	I 253
MERRET, CHRISTOPHER, M. D. Observations on the uniting of bark of trees cut. to the tree itself	II 453	III 706
— Experiment on Aloe Americano ferrati-folia weighed, seeming to import a circulation of the sap of plants	— 455	II 645.
— An experiment of making cherry-trees, that have withered fruit, to bear full and good fruit, and of recovering the almost withered fruit	— —	— 652
— A description of several kinds of granaries, as those of London, of Dantzick, and in Muscovy	— 464	— 628
— A relation of the tin-mines, and working of tin in the county of Cornwall	XII 949	— 572
— The art of refining tin	— 1046	— 591
— An account of some observables in Lincolnshire, not taken notice of in Camden, or any other author	XIX 343	III 533
— A table of the washes in Lincolnshire	— 392	II 267
MERTANS, CHARLES DE, M. D. Observations on the scurvy	LXVIII 661	
MESAPORITUS, ANTHONY. Account of a pain in the belly arising from the intestines being concreted into a cartilaginous substance	XXIV 2114	V 235
— Case of an eruption of blood from almost every part of the body	— 2144	
MESSIER, CHARLES. A table of the places of the comet of 1764, discovered at the Observatory of the Marine at Paris, January 3, about eight o'clock in the evening, in the constellation of the Dragon, concluded from its situation with regard to the stars	LIV 151	
— A memoir, containing the history of the return of the famous comet of 1632, with observations of the same, made at Paris, from Jan. to June, 1759	LV 294	
— Observations on the eclipse of the Sun on the 16th of August, 1765, made at Colimbes, near Paris	LVI 1	
— A discovery, with observations of two new		

	Transf.	Abridg.
comets in the Marine Observatory at Paris, March, 1766	LVI 57	
MESSIER, CHARLES. Observations on the eclipse of the Sun of August 5, 1766, made at Co- lombes	— 259	
— Account of an aurora borealis, August 6, 1761, at Paris	LIX 86	
— Observations on the transit of Venus, June 3, 1769, at Paris	— 374	
— A series of astronomical observations at the Observatory of the Marine at Paris, to wit, 1. of Jupiter's satellites in the years 1767 and 1768; 2. on the shadows of Jupiter's satellites 3. on the variation of the belts on the disc of that planet; 4. of a spot on the disc of the 3d satellite	— 454	
— Observation of a partial eclipse of the Moon, January 3, and of a total one December 23, 1768	— —	
— Observations of the Moon's passage over the Pleiades in 1767	— —	
— Observations on the belt of Saturn	— —	
— On a new comet observed at Paris, January 10 1771	LXI 104	
— A belt on the disc of Saturn described	LXVI 543	
MICHELL, REV. JOHN. Observations on the comet of Jan. 1740, at Cambridge	Ll 466	
— On the cause and phenomena of earthquakes, particularly that of Nov. 1, 1755	— 566	
— A recommendation of Hadley's quadrant for surveying, especially the surveying of harbours, together with a particular application of it to some cases of pilotage	LV 70	
— Proposal of a method for measuring degrees of longitude upon parallels of the equator	LVI 119	
— An inquiry into the probable parallax and mag- nitude of the fixed stars, from the quantity of light which they afford us, and the particular circumstances of their situation	LVII 234	
MICHELOTTI, PET. ANT. M. D. An account of a person vomiting blood by drinking excessive cold liquors in winter	XXXVII 129	II 508
MIDDLETON, CHRISTOPHER. A new and exact table, collected from several observations taken on four voyages to Hudson's bay from London. shewing the variation of the magnetical needle		

	Transf.	Abridg.
or sea compass, in the path way to the said bay, according to the several longitudes and latitudes, from 1721 to 1725	XXXIV 73	VI 2 297
MIDDLETON, CHRISTOPHER. A new and exact table, collected from several observations taken from the year 1721 to 1729, in nine voyages to Hudson's Bay, in North America, shewing the variation of the compass, according to the latitudes and longitudes, accounting the longitudes from the meridian of London	XXXVII 71	— 300
— Observations on the weather in a voyage to Hudson's Bay, 1730	— 76 XXXVIII	— 55
— — — — — 1731	127	VIII 468
— — — — — 1735	XXXIX 270	— 376
— Observations on the lunar eclipse, Sept. 8, 1736, at Hudson's Bay	XL 96	
— An observation of the magnetic needle being so affected by great cold that it could not traverse	— 310	— 741
— The use of a new azimuth compass for finding the variation of the compass or magnetic needle at sea with greater ease and exactness than by any yet contrived for that purpose	— 395	— 374
— An examination of sea water frozen and melted again to try what quantity of salt is contained in such ice, made in Hudson's straits	XLI 806	— 643
— The effect of cold; together with observations of the longitude, latitude, and declination of the magnetic needle at Prince of Wales fort upon Churchill river in Hudson's Bay, North America	XLII 157	— 469
MILBOURNE, WILLIAM. An account of a remarkable decrease of the river Eden in Cumberland Dec. 28, 1762	LIII 7	
MILES, Rev. HENRY. Observations on red lights in the air, Jan. 23, 1750-1	XLVI 346	X 484
— Remarks concerning the circulation of the blood as seen in the tail of a water eel through a solar microscope	XLI 725 — 770	IX 69 VII 809
— On the seed of fern	XLII 46	— 515
— A representation of the Parhelia seen in Kent, Dec. 19, 1741	XLIII 290	X 272
— Account of the firing of phosphorus by electricity		
— Observations of luminous emanations from hu		

	Transf.	Abridg.
man bodies and from brutes; with some remarks on electricity	XLIII 441	X 278
MILES, Rev. HENRY. An account of some improvements which may be made in cyder and perry	— 516	
— On the effects of a cane of black sealing wax, and a cane of brimstone, in electrical experiments	XLIV 27	— 317
— Several electrical experiments	— 53	— 319
— On electrical fire	— 73	— 322
— Some electrical observations	— 158	— 325
— Account of English ants	— 351	XI 833
— The difference of the degrees of cold marked by a thermometer kept within doors, or without in the open air	— 613	X 433
— Account of the storm of thunder which happened June 12, 1748	XLV 363	— 475
— An essay on quantity, occasioned by reading a treatise, in which simple and compound ratios are applied to virtue and merit, by the Rev. Mr. Reid	— 505	— 22
— On thermometers, with some observations on the weather	XLVI 1	— 447
— Account of some vertebræ of ammonites or cornua ammonis	— 37	— 641
— Observations on a very cold day, and on another very hot day, in June and July, 1749	— 208	— 471
— On the near agreement of thermometers in London and at Tooting	— —	— —
— On the green mould on fire wood	— 334	— 748
— On the heat of the weather in July and September, 1750	— 571	— 474
— On an extraordinary heat in Feb. 1749-50	— 619	
— Account of an earthquake, Feb. 8, 1749-50, at Tooting	— 607	— 492
— — — — — March 8, 1749-50, at Tooting	— 619	
— A further account	— 628	— 500
— Addition to the former accounts	— 639	— 504
— Account of the earthquake felt at Tooting, Sept. 30, 1750	— 726	— 523
— Account of the late hard weather	XI VII 525	
— State of the thermometer, Feb. 8-9, 1755	XLIX 43	
— Account of a storm of thunder, June 27, 1756, at West-Looe and Lanieath, Cornwall	L 107	
MILLER, CHARLES. Account of the island of Sumatra	LXVIII 160	

	Transf.	Abridg.
MILLER, PHILIP. Method of raising exotick seed:	XXXV 485	VI 2 353
— Account of tulips, and such bulbous roots flowering in bottles of water	XXXVII 8	— 355
— Catalogue of 50 plants sent from Chelsea garden 1740	XIII 620	
— — 1741	XIII 75	
— — 1742	— 189	
— — 1743	— 421	
— — 1744	XLIV 213	
— — 1745	— 597	
— — 1746	— 43	
— A mistake of Professor Gmelin concerning the sphondylium vulgare hirtutum of Caspar Bahrin	XLVIII 153	
— Account of the toxicodendron	XLIX 157	
— Remarks on Ellis's letter on the toxicodendron	L 430	
MILLES, JEREMIAH D. D. Account of the Carlisle bad mineral water	— 25	
— Remarks on the Bovey coal	LI 534	
— Meteorological observations at Bridgewater in Somersetshire, 1768	LIX 155	
— — 1769	LX 228	
MILLS, HENRY. Account of the agitation of the waters at Rotherhith, Nov. 1, 1755	XLIX 361	
MILNER, JOHN. Observations on the eclipse of the Sun, May 2, 1733, at Yeovil, in Somersetshire	XXXVIII 116	VII 1 137
— — an eclipse of the Moon, March 15, 1735-6, at Yeovil	XL 18	
— Account of a meteor seen at Peckham, Dec. 11, 1741	XLII 138	— 521
— On the propriety of burying cows dead of the distemper in lime	XLIV 224	XI 925
— Case of Nicholas Reeks, who was born with his feet turned inwards, which came to rights after being some time used to sit cross-legged	XLVI 239	— 1113
MILNER, REV. ISAAC. Reflections on the communication of motion by impact and gravity	LXVIII 344	
— Observations on the limits of algebraical equations; and a general demonstration of Cartes' rule for finding their number of affirmative and negative roots	— 380	
— On the procession of the equinoxes produced by the Sun's attraction	LXIX 505	

	Transf.	Abridg.
MILWARD, EDWARD, M. D. Account of an antidote to the Indian poison	XLII 2	IX 335
MITCHELL, JOHN, M. D. On the causes of the different colours of people in different climates	XLIII 102	XI 926
— Of the preparation and uses of various kinds of pot-ash	XLV 541	X 777
— Account of a shower of black dust in Zealand	L 297	
— On the force of electrical cohesion	LI 390	
MOEHRING, PAUL HENRY GERRARD. Botanical observations giving more accurate descriptions of certain plants	XLI 211	VIII 760
MOIVRE, ABRAHAM DE. Observations on the transits of Venus and Mercury over the Sun's disk	LXI 433	
— Remarkable specimens of the doctrine of fluxions, or examples wherein the use and excellence of that method in solving geometrical problems is shewn	XIX 52	I 34
— A method of raising an infinite multinomial to any given power, or extracting any given root of the same	— 619	— 90
— A method of extracting the root of an infinite equation	XX 190	— 95
— The dimension of the solids generated by the conversion of Hippocrates lunula, and of its parts about several axes, with the surfaces generated by that conversion	XXII 624	— 29
— The method of squaring any kind of curves, or reducing them to more simple curves	XXIII 1113	IV 15
— Analytical solution of certain infinitesimal equations	XXV 2368	— 77
— The laws of chance, in a set of problems	XXVII 213	V 2 266
— A general solution of the fifteenth general problem, proposed by him in his treatise de mensura sortis, with the assistance of combined or infinite series	XXIX 145	— — —
— A ready description and quadrature of a curve of the third order, resembling that commonly called the foliate	— 329	IV 24
— Some simple properties of conic sections deduced from the nature of focus's, &c.	XXX 622	— 3
— The reduction of fractions into more simple ones	XXXII 162	VI 51
— Of the section of an angle	XXXII 228	VI 65

	Transf.	Abridg.
MOIVRE, ABRAHAM DE. The reduction of roots into more simple forms -	XL 463	VIII 1
— The easiest method of calculating the value of annuities -	XLIII 65	
MOLLOY, —. Account of the earthquake at Lisbon, May 31, 1761 -	LII 142	
MOLYNEUX, WILLIAM. Account of Lough-Neagh in Ireland, and its petrifying qualities -	XIV 552	II 322
— Observations on the eclipse of the Sun, July 2. 1684, at Dublin -	— 749	
— A retranslation of the 7th and last paragraph of the letter in vol. XIV. p. 552, concerning Lough-Neagh Stone, and its non-application to the magnet upon calcination -	— 820	— —
— Account of the Connough worm -	XV 876	— 758
— Account of a prodigious os frontis in the medicine school at Leyden -	— 880	III 2
— Account of a new hygroscope -	— 1032	II 40
— On the circulation of blood in the lacerta aquatica -	— 1236	III 225
— A discourse on this problem, why bodies dissolved in menstrua specifically lighter than themselves swim therein -	XVI 88	I 535
— Some reflexions by T. Molyneux -	— 93	— 537
— Account of the dioptrick problem, why four convex glasses in a telescope shew objects erect -	— 169	I 189
— Of the course of the tides at Dublin -	— 192	II 263
— Observations on the eclipse of the Moon, November 19, 1686 -	— 236	
— On the apparent magnitude of the Sun and Moon, or the apparent distance of two stars when nigh the horizon, and when higher elevated -	— 314	I 221
— Historical account of colds or epidemical distempers -	XVIII 105	III 27 1
— Notes relating to the Giant's causeway -	— 175	II 5 3
— Account of a not yet described scolopendra marina -	XIX 405	— 833
— A discourse concerning the large horns frequently found under-ground in Ireland, concluding from them that the great American deer, called a moose, was formerly common in that island -	— 489	II 432 III 544
— A demonstration of an error committed by common surveyors in comparing of surveys -		

	Transf.	Abridg.
taken at long intervals of time, arising from the variation of the magnetick needle	XIX 625	I 125
MOLYNEUX, WILLIAM. A true description of the bog of Kipanhah. in the county of Limerick; with an account of the motion thereof, June 7, 1797	— 714	II 737
— Account of the swarms of insects that of late years have much infested some parts of the province of Connought in Ireland	— 741	— 778
— Remarks on the extracting the stone out of the bladder of those of the female sex	XX 11	III 184
— Some additional observations on the Giant's Causeway in Ireland	— 209	II 514
— A supplement to the account of the scolopendra marina	XXI 127	— 836
— Essay concerning giants	XXII 487	III 2
— Some thoughts concerning the ancient Greek and Roman mythre the explanation of an obscure passage in one of Horace's odes	XXIII 1267	IV 474
— The effects of thunder and lightning in the county of Down, Aug. 9, 1707	XXVI 36	IV 2 126
— Remarks on an account of some large teeth lately dug up in Ireland	XXIX 367	— 237
MONARTY, MICHAEL. On the irregularity of the tides at Sheehanes	XLIX 525	
MONCEAU, DU HAMEL DU. Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour	XLI 390	IX 10
MONGINOT, FRANCIS, M. D. An unusual hæmorrhage of blood from the mouth, nose, ears, and eyes in convulsion fits	XXII 756	V 355
MONMORT, REMOND DE. A treatise of infinite series	XXX 633	IV 90
MONNIER, PETER LE, M. D. On the communication of electricity read at the meeting of the Royal Academy of Sciences at Paris, November 12, 1746	XLIV 290	X 336
— Observations on an eclipse of the Sun, July 24, 1748, at Paris	XLV 582	— 69
MONRO, DONALD, M. D. Account of some neutral salts made with vegetable acids, and with the salt of amber	LVII 479	
— Account of a pure native crystalized natron found at Tripoli	LXI 567	
— Account of the sulphureous mineral waters of		

	Transf.	Abridg.
Castle Lead and Fairburn, and of the salt waters of Pitkeathly	LXII 15	
MORRO, JOTIN, M. D. Account of the catacombs of Rome and Naples	XXII 643	III 448
MONTAGUE, EDWARD WORTLEY. Account of his journey from Cairo to the Written Mountains	LVI 40	
— Observations on Pompey's pillar	LVII 438	
MONTESQUIEU, SECONDAT DE. Stones of a regular figure found near Bagnères in Gascony	XLIII 26	X 788
MORANT, REV. PHILIP. Case of a boy who had the malleus of each ear and one of the incus drop out	LII 264	
MORAY, Sir JAMES. Account of persons killed with subterraneous damps	I 44	II 373
— Account of some extraordinary tides in the West Isles of Scotland	— 53	— 291
— Account how the adits and mines are worked at Liege without air shafts	— 79	— 372
— An unusual way of planting mulberry trees in Virginia, with some particulars for the good of that plantation	— 201	— 653
— Considerations and enquiries concerning tides	— 298	I 260
— Patterns of tables for observing tides	— 311	II 365
— Experiments for improvement in the art of gunnery	II 473	I 493
— A relation concerning barnacles	XII 925	II 849
— A description of the island of Hirta	— 927	III 541
— The manner of making malt in Scotland	— 1069	II 627
MORE, ———. Curious remarks in his travels through Italy	XLVI 464	XI 1331
— Method of gathering manna near Naples	— 470	X 776
MORE, HENRY. Observations on the tides in the Straights of Gibraltar	LII 447	
MORE, ROBERT. Extract from the parish register of Holy Cross in Salop from 1750 to 1760	— 140	
MORE, SAMUEL. Case of a young man who lost the use of his hands by cleansing brass wire	LI 936	
MORELAND, Sir SAMUEL. Account of the speaking trumpet	VI 3056	
— Undertaking for raising water	IX 25	I 537
— Account of a successful operation for the hydrops pectoris	LVI 302	
MORGAGNI, JOHN BAPTIST. Observations on an eclipse of the Moon, September 8, 1718, in Italy	XXXIII 71	VI 185

	Transf.	Abridg.
MORLAND, JOSEPH. On secretions in an animal body	XXIII 1291	
— Abstract of Dr. Mead's mechanical account of poisons	— 1320	
— New observations on the parts and the use of the flower in plants	— 1474	IV 2 305
MORLEY, CHARLES, M. D. Account of the bones of a fœtus voided per anum some years after conception	XIX 486	
MORRIS, MICHAEL, M. D. A relation of a monstrous birth	XII 961	III 302
— Observations and experiments on different extracts of hemlock	LIV 172	
— Experiments on Somersham water	LVI 22	
— Account of some specimens of native lead found in a mine in Monmouthshire	LXIII 20	
MORTIMER, CROMWELL, M. D. Case of some uncommon anastomoses of the spermatic vessels in a woman	XXXVI 373	VII 553
	[— 425 XXXVII 174, 447 XXXVIII 415 XXXIX 112, 251 XL 343 XLIV 599 XLV 157]	— 480
— Account of Catesby's essay towards the natural history of Carolina and the Bahama islands, with extracts		IX 925 — 926
— Account of Mr. Le Blon's principles of printing in imitation of painting, and of weaving of tapestry in the same manner as brocades	XXXVII 101	VI 469
— Experiments with laurel water	— 163	VI 2 374
— Experiments with the spiritus vini æthereus	XXXVIII 55	IX 372
— The anatomy of a female beaver, and an account of castor found in her	— 172	IX 78
— Remarks on the cure of the bite of a mad dog	XXXIX 313	— 221
— Experiments of the bite of vipers	— —	— 61
— Description of a water insect found in Kent	XL 153	— 7
— The description of an antique metal stamp in the collection of the duke of Richmond, being one of the instances how near the Romans had arrived to the art of printing, with some remarks	— 388	— 417

MORTIMER,

	Transf.	Abridg.
MORTIMER, CROMWELL, M. D. Electrical experiments made by Granville Wheler at the Royal Society's house, May 11, 1731	XLI 112	VIII 412
— Account of Dr. A. Stuart's paper of the muscular structure of the heart	— 675	IX 131
— Observations on the aurora australis, March 18, 1739-40, at London	— 839	VIII 553
— Account of a Capricorn beetle found alive in a cavity within a found piece of wood	— 861	IX 11
— of the horn of a fish struck several inches into the side of a ship	— —	— 72
— Abstract of original papers communicated to the Royal Society concerning Frobenius's spiritus vini æthereus	— 864	— 379
— Account of the surprising quantities of food devoured by a boy 12 years old in six successive days	XLIII 366	XI 1066
— On the natural heat of animals	— 473	
— Of a fiery meteor seen July 16, 1742	— 524	
— Account of the distemper among horned cattle	— 532	— 916
— Further observations	— 549	— 917
— Third account	XLIV 4	— 921
— Remarks on the precious stone called Turquoise	— 429	X 633
— On the usefulness of thermometers in chemical experiments, and concerning the principles on which the thermometers now in use have been constructed; together with the description and uses of a metalline thermometer newly invented	— 672	— 435
— An account of a very learned divine who was born with two tongues	XLV 232	XI 959
— On checking the progress of fire	— 382	— 1392
— Case of a child on which the small pox appeared in a day or two after its birth	— 233	— 1041
— Description of a fish shewed to the Royal Society by Ralph Bigland	XLVI 518	— 879
— A description and figure of a small flat spheroidal stone having lines formed upon it	— 602	X 639
— Further account of the Dudley fossil	— 600	— 656
— Account of an earthquake, March 8, 1749-50, at London	— 638	— 504
MORTON, Earl of. Observations on an eclipse of the Sun, July 14, 1748, at Paris	XLV 582	X 69
— An account of the case of a supposed hydrophobia	LV 139	
MORTON, CHARLES, M. D. Observations and experiments upon animal bodies, digested in a		

	Transf.	Abridg.
philosophical analysis or inquiry into the cause of voluntary muscular motion	XLVII 305	
MORTON, CHARLES, M. D. A supposed connection between the hieroglyphical writing of ancient Egypt, and the characteristic writing which is in use at this day among the Chinese	LIX 489	
MORTON, REV. JOHN. A relation of river, and other shells, digged up together with various vegetable bodies, in a bituminous marlly earth, near Mear's Ashby in Northamptonshire; also an account of the progress he has made in the natural history of Northamptonshire	XXV 2210	IV 2 181
MOSLYN, Sir ROGER. A relation of some strange phenomena, accompanied with mischievous effects in a coal-work in Flintshire	XII 895	II 378
MOSTYN, Sir THOMAS. Account of a golden torques found in England	XLII 24	IX 416
MOULIN, ALLEN, M. D. On the quantity of blood men, and on its celerity in circulation	XVI 433	III 225
— An experiment of the injection of mercury into the blood, and its ill effects on the lungs	XVII 486	— 233
— Some experiments on a black shining sand brought from Virginia, supposed to contain iron	— 624	
— Anatomical observations on the heads of fowls	— 711	II 860
MOULT, I. A new manner of preparing salep	LIX 1	
MOUNSEY, JAMES, M. D. Case and cure of a woman from whom a foetus had been extracted which had been lodged in one of the Fallopian tubes thirteen years	XLV 131	XI 1012
— Account of the everlasting fire in Persia	— 296	X 267
— — of the baths at Carlsbad	XLVI 217	— 569
— — of the Russia castor	—	XI 925
— The strange effects of some effervescent mixture	L 19	
MOUNTAINE, WILLIAM. Advantages from a periodical review of the magnetic needle	XLVIII 875	
— On the variation of the magnetic needle with tables of 50,000 observations	L 329	
— On maps and charts	— 563	
— Account of some extraordinary effects of lightning, July 16, 1759	LI 286	
— Defence of Mercator's chart against the censures of Mr. West	LIII 69	
MUDGE, JOHN, M. D. Proposal for removing the only real defect in the lateral operation for the stone	XLVI 24	XI 1002

	Transf.	Abridg
MUDGE JOHN Directions for making the best composition for the metals of reflecting telescopes together with a description of the process of grinding, polishing, and giving the great speculum the true parabolic curve -	XVII 296	
MULLEN, ——— M. D. Diffusion of a goub cat -	XV 1135	II 901
MULLER, GEO. FRED. Proposal for the improvement of the history of Russia -	XXXVIII 136	IX 399
— Observations on some bivalve insects found in common water -	LXI 230	
MULLINEUX, ——— M. D. Account of a stone of an extraordinary bigness spontaneously voided through the urethra of a woman at Dublin -	XVII 817	III 151, 182
MUNCKLEY, NICHOLAS M. D. Case of the efficacy of bark in the delirium of a fever -	L 609	
— Account of the comet of May 1759 -	LI 94	
— Observations on the comet of January, 1760, at London -	— 467	
MURALTUS, ———. Account of the icy and crystalline mountains of Helvetia called the Gletscher -	IV 982	II 465
MURDOCK, PATRICK. Case of the coats of the stomach changed into an almost cartilaginous substance -	XLVI 39	
— On the mean motion of the Moon's apogee -	XLVI 62	
— Trigonometry abridged -	L 538	
— Of the best form of geographical maps -	— 553	
— Rules and example for limiting the cases in which the rays of refracted light may be reunited into a colourless pencil -	LIII 173	
— Of the moon's distance and parallax -	LIV 29	
— Journal of the weather in Quebec. from April 1, 1765, to April 30, 1766 -	LV 291	
— An essay on the connection between the parallax of the Sun and Moon their densities, and their disturbing motions on the ocean -	LVIII 24	
MURRAY, MUNGO. Observations on the solar eclipse, April 1, 1764, at Chatham -	LIV 171	
MUSCHENBROEK, PETER VAN, M. D. On the strength of magnets -	XXXIII 376	VI 2 255
— Meteorological, barometrical, thermometrical and epidemical diary kept at Utrecht, 1729 -	XXXVII 357	VII 471
— — — — — 1730-1 -	— 408	VII 4
— Experiments on the Indian magnetic sand -	XXXVIII 297	{ 80, 90 VIII 737

	Transf.	Abridg.
MUSGRAVE, WILLIAM, M. D. Account of the cutting out of the cœcum of a bitch -	XIII 324	III 112
— Observations on a large bed of glands observed in the stomach of a pike -	XIV 699	— 93
— Experiments on digestion -	— —	— —
— Endeavours to prove that the lacteals frequently convey liquors that are not white -	— 812	— 102
— On the Roman eagles -	XX 145	— 67
— On the cause of the necessity of breathing -	— 178	— 78
— An account of what happened on syringing warm water into the thorax of a bitch -	— 181	— 1
— Account of one Edward Melloon, born at Port Leicesther in Ireland, who was of an extraordinary size -	— 184	— 33
— Case of a periodical palsy -	— 257	— 441
— Account of a piece of antiquity found in Somersetshire -	— 441	— 61
— An argument for the more frequent use of laryngotomy, urged from a remarkable cure in chirurgery -	XXI 398	— 85
— Account of a polypus found in a dog -	XXII 690	V 239
— Case of a periodical hæmorrhage -	— 864	— 259
— Experiment of transmitting a blue coloured liquor into the lacteals -	— 996	— 281
— Case of hydatides voided by a stool -	XXIV 1797	— 279
— Case of the jaundice, occasioned by a stone -	XXV 2233	V 2 110
— Letter concerning the Roman legion -	XXVIII 80	— —
— Inscriptio Tarraconensis, cum commentario -	— 157	— —
— On Britain being formerly a peninsula -	XXX 589	IV 469
MUSGRAVE, SAMUEL, M. D. Reasons for dissenting from the report of the committee appointed to consider of Mr. Wilson's experiments; including remarks on some experiments exhibited by Mr. Nairne -	LXVIII 801	
MUSTEL, ———. Observation on vegetation -	LXIII 126	
MUYS, ———. On the frame and texture of the muscles -	XXIX 59	V 393
MUYSSON, PHILIP. Observation on the earthquake at Lisbon, Nov. 1, 1755, at Oporto -	XLIX 422	
MYDDELTON, STARKEY, M. D. Case of extraordinary uterine conception -	XLIII 336	XI 1010
— Case of a child being taken out of the abdomen having lain there upwards of 16 years -	XLIV 617	— 1017
MYLLIUS, ———. On extracting electricity from the clouds -	XLVII 559	

N.

	Transf.	Abridg.
NADI, Jos. ANT. Observations on the eclipse of the Moon, Sept. 8, 1718, at Bologna	XXXIII 72	VI 186
NAIRNE, EDWARD. Description and use of a new contrived equatorial telescope or portable observatory	LXI 107	
— Account of a person killed by lightning in Tottenham Court chapel, and its effects on the building	LXII 131	
— Experiments on two dipping needles, which were made agreeable to a plan of the reverend Mr. Mitchell	— 476 LXIV 79	
— Electrical experiments		
— Experiments on water obtained from melted ice of sea water	LXVI 249	
— Experiments made with an air pump on Mr. Smeaton's principle; together with some experiments with a common air pump	LXVII 614	
— Experiments on electricity, being an attempt to shew the advantage of elevated conductors	LXVIII 823	
— The effect of electricity in shortening wires	LXX 334	
NAISH, EDWARD. Case of an ossification of the crural artery	XXXI 226	VII 511
NATUS, PETER. A phytological observation concerning oranges and lemons, both separately and in one piece produced on one and the same tree, at Florence	X 313	II 658
NEALE, THOMAS. The effects of thunder and lightning in Hampshire, Jan. 24. 1665-6	I 247	— 172
NEEDHAM. JOHN. An account of a very remarkable case of a boy, who, notwithstanding that a considerable part of his intestines were forced out by the fall of a cart upon him, and afterwards cut off, recovered and continued well	XLIX 238	
NEEDHAM, WALTER, M. D. Annotations upon a discovery pretended to have been made by		

	Transf.	Abridg.
M. Pecquet of a communication between the ductus thoracicus and the inferior vena cava	VII 5007	III 259
NEEDHAM, WALTER, M. D. Experiments with a liquor stopping the blood of arteries	VIII 6052	— 253
NEEDHAM, TURBEVIL. Account of chalky tubulous concretion called malm	XLII 634	VIII 732
— Microscopical observations on worms in smutty corn	— —	— 816
— Electrical experiments lately made at Paris	XLIV 247	X 329
— Account of M. de Buffon's mirror which burns at the distance of 66 feet	— 493	— 194
— Summary of some observations upon the generation, composition, and de-composition of animal and vegetable substances	XLV 615	— 797
— On the discovery of Asbestos in France	LI 837	
NELSON, JOSEPH. The effects of a storm of Thunder at Colchester, July 16, 1708	XXVI 140	
NESBITT, ROBERT, M. D. Account of a species of subterraneous fire observed in Kent	XXXV 307	VI 2 199
NETTIS, JOHN. Method of observing the configurations of snow	XLIX 644	
NETTLETON, THOMAS. On the inoculation of the small pox	XXXII 35	VII 602
— Farther account	— 49	— 608
— On inoculation of the small pox, and the mortality in the natural way	— 209	— 609
— Observations concerning the height of the barometer, at different elevations above the surface of the earth	XXXIII 308	VI 2 44
NEUMAN, CHARLES. An account of camphir	— 321	VII 692
— On a false but common method of trying French spirit of wine	— 308	— 739
— Differeation on fixed alkaline salt	XXXIV 3	— 700
— — Continued	— 45	— 717
— — on the camphire of thyme	XXXV III	
— — — — —	202	IX 382
— Treatise on ambergris, p. 1	— 344	— 339
— — — — — p. 2	— 371	— 346
— — — — — p. 3	— 417	— 358
— Vindication of his own experiments on ambergris	— 437	— 366
NEVE, PETER LE. Account of a number of urns dug up at North Elmham, Norfolk	XXVIII 257	V 2 97
— Account of the sinking of three oaks into the ground at Manington in Norfolk	XXX 766	IV 2 252

	Transf.	Abridg.
NEVE, PETER LE. Account of two parheliæ, seen December 30, 1735	XL 52	VIII 508
— Observations on the aurora australis, March 18, 1738-9, at Peterborough	XLI 843	
NEVIL, FRANCIS. Account of some urns and sepul- chral monuments found in Ireland	XXVIII 252	V 95
— Observations on Lough Neagh in Ireland	— 260	V 2 193
— Account of some trumpets and other pieces of antiquity found in Ireland	— 270	
— Account of a quarry of marble in the county of Farmanagh in Ireland	— 278	IV 2 206
— Account of some large teeth lately dug up in the North of Ireland	— 367	— 236
NEWCOME, PETER. Account of an earthquake felt at Hackney, March 18, 19, 1740-50	XLVI 653	X 508
NEWLAND, CHARLES. Account of a new chart of the Red Sea, with two draughts of the road of Mocha and Judda, and several observations made during a voyage on that sea	LXII 77	
— Remarks and observations made on board the ship Kelfall, on a voyage to Judda and Mocha in 1769	— 79	
— Method to distill fresh water from salt water at sea	— 90	
— On the milky appearance of some spots of water in the sea	— 95	
NEWMAN, HENRY. Way of proceeding in the inoculated small pox in New England	XXXII 33	VII 601
NEWTON, JAMES. On the effects of the papaver corniculatum luteum	XX 263	III 297
NEWTON, SIR ISAAC. Theory of light and colours — A series of queries, to be determined by experi- ments, positively and directly concluding his new theory of light and colours	VI 3075	I 128
— Account of a new catadioptrical telescope	VII 4004	— 197
— Further suggestions about his reflecting telescope together with his table of apertures and charges for the several lengths of that instru- ment	— —	— —
— Answer to some objections made by an ingeni- ous French philosopher, to the new reflecting telescope	— 4032	— 200
— Some considerations upon part of a letter of M de Bercé concerning the catadioptrical tele- scope pretended to be improved and refined by M. Cassegrain	— 4034	— 201
	— 4056	— 204

	Transl.	Abridg.
NEWTON, Sir ISAAC. Experiments propos'd in relation to Mr. Newton's theory of light; with observations - - -	VII 4059	I 135
— Answer to Mr. Pardie's letter on Newton's theory of light - - -	— 4091	— 139
— Answer to Mr. Pardie's second letter - - -	— 5014	— 142
— Answer to some considerations on Newton's doctrine of light and colours - - -	— 5084	— 144, 202.
— Answer, further explaining his theory of light and colours - - -	VIII 6087	— 158
— Hopes of perfecting telescopes by reflections rather than refractions - - -	— —	— —
— On the number of colours - - -	— 6108	— 157
— Answer to M. Linus's letter, animadverting on the theory of light and colours - - -	IX 218	— 161
— Considerations on M. Linus's reply - - -	X 500	— 164
— Another letter on the same argument - - -	— 503	— 164
— A particular answer to Mr. Linus's letter, &c. - - -	XI 556	— 163
— Answer to Mr. Lucas's letter of exceptions to the theory of light and colours - - -	— 698	— 168
— Remarks on the observations on Sir I. Newton's chronological index - - -	XXXIII 316	
— Description of an instrument for observing the Moon's distance from the fixed stars at sea - - -	XLII 155	VIII 129
NICHOLLS, FRANK, M. D. Observations towards composing a natural history of mines and metals - - -	XXXV 402	VII 4 102
— Observations on aneurisms - - -	— 440	VII 569
— Farther observations on mines and metals - - -	— 480	II 187
— Observations on a treatise of M. Hevelius, designed to prove that the lungs do not divide and expand the blood, but on the contrary cool and condense it - - -	XXXVI 163	VII 500
— Account of the dissection of an hermaphrodite lobster - - -	— 290	— 421
— Account of the veins and arteries of leaves - - -	— 371	VI 2 304
— An account of a polypus, resembling a branch of the pulmonary vein coughed up by an asthmatic person - - -	XXXVII 123	VII 540
— Account of worms found in animal bodies - - -	XLIX 246	
— Observations on the body of his late majesty, Oct. 27. 1760 - - -	LII 265	
NICHOLSON, Mr. Account of a storm of lightning, March 1, 1774, near Wakefield, Yorkshire - - -	LXIV 350	
NICHOLSON, DAVID. Query concerning the scurvy-grafts of Greenland - - -	XLI 317	VIII 765

NICHOLSON

	Transl.	Abridg.
NICHOLSON, WILLIAM. Account of a Runic inscription at Beauchiffle - - -	XV 1287	III 433
— Account of a Runic inscription at Bridekirk - - -	— 1291	— 435
NICKSON, EDWARD. Account of the accident by lightning, May 15, 1777, at Purfleet - - -	LXVIII 232	
NICOLA. Account of the agitation of the waters at Kinsale, Nov. 1, 1755 - - -	XLIX 391	
NICOLINI, Marquis. Observations on a mirror burning at 150 feet distance - - -	XLIV 495	X 195
NIEROP, DIRICK REMBRANTZ VAN. Observations made upon several voyages to find a way for sailing about the North to the East Indies, and for returning the same way from thence hither; together with the instructions given by the Dutch East-india Company for the discovery of Jesso near Japan. To which is added a relation of sailing through the Northern America to the East Indies - - -	IX 197	
NIXON, JOHN. Account of an earthquake felt in Northamptonshire, Sept. 30, 1750 - - -	XLVI 705	— 515
— Farther particulars - - -	— 710	— 516
— Account of some of the antiquities discovered at Herculaneum - - -	L 88	
— Account of the temple of Serapis at Pozzuoli near Naples - - -	— 166	
— On the antiquity of glass in windows - - -	— 601	
— Remarks on Venuti's account of antiquities at Herculaneum - - -	LI 639	
— Observations on some plates of white glass found at Herculaneum - - -	LII 123	
NOLLET, JOHN ANTHONY. New experiments upon ice - - -	XL 307	VIII 503
— Observations on electricity - - -	XLV 187	X 382
— Examination of certain phenomena in electricity - - -	XLVI 368	— 414
— Observations made in the grotto de Cani in Italy - - -	XLVII 48	
— On extracting electricity from the clouds - - -	— 553	
— Case of an extraordinary disease of the skin, and its cure - - -	XLVIII 575	
NOOTH, JOHN, MERVIN, M. D. Some improvement in the electrical machine - - -	LXIII 333	
— The description of an apparatus for impregnating water with fixed air, and of the manner of conducting that process - - -	LXV 59	
NORRIS, HENRY. An inquiry to shew, what was the ancient English weight and measure according to the laws or statutes prior to the reign of Henry the Seventh - - -	— 48	

	Transf.	Abridg.
NORWOOD, RICHARD. An account of the whale fishing at Bermudas, and of such whales as have the sperma-ceti in them -	II 565	II 268, 844
— Account of the course of the tides at Bermudas -	— —	— 268
— An account of wells both salt and sweet digged near the sea at Bermudas -	— —	— 298
— Particulars respecting Jamaica -	III 824	III 559
NOURSE, EDWARD. Case of the præter-natural delivery of a fœtus, at the anus -	XXXVI 435	VII 55, 559
— Case of a lad bitten by a mad dog -	XL 5	IX 222
— An account of several stones found in bags formed by a protrusion of the coats of the bladder, as appeared on opening the body of Mr. Gardiner -	XLII 11	— 176
— Case of the cure of wounded intestines	LXVI 426	
O.		
OAKES, ——. Account of an earthquake, March 18, 19, 1749-50, at Portsmouth	XLVI 646	X 507
OLDENBURG, HENRY. Character of M. de Fermat	I 15	
— Account of Mr. Hooke's micographia	— 27	
— Account of Mr. Boyle's experimental history of cold -	— 46	
— On the breeding of silk worms, and making silk in France -	— 87	
— On the method of making salt petre in the Mogul's dominions -	— 103	II 559
— Account of Hevelius's prodromus cometicus	— 104	I 437
— On M. du Sons progress in making parabolic glasses -	— 119	— 19;
— Account of the rise and attempts of a way to convey liquors immediately into the mass of blood -	— 128	II 364
— Observables of odd constitutions of some bodies	— 138	III 10

	Transf.	Abridg.
OLDENBURG, HENRY. Observations on the bodies of snakes and vipers - - -	I 138	III 811
— Some observations concerning Jupiter; of the shadow of his satellites, seen by a telescope, passing over the body of Jupiter - -	— 143	I 383
— Of a permanent spot in Jupiter, by which is manifested the conversion of Jupiter about his own axis - - -	— —	— 400
— Of the correspondency, to be procured, for the finding out the true distance of the Sun and Moon from the earth, by the parallax, observed under (or near) the same meridian - -	— 151	— 300
— A relation of some mercurial observations, and their result - - -	— 153	II 2
— On the effects of touch and friction - - -	— 206	III 10
— Ways of sounding the depth of the sea without a line, and fetching up water from the bottom of it - - -	— 228	II 364
— Engagements for observing of tides - - -	— 378	— 365
— Suggestions for remedies against cold - - -	— 379	— 639
— Observations about load stones and sea compasses - - -	— 423	I 584
— On the invention of the transfusion of blood - - -	II 489	III 232
— Account of some trials of transfusion - - -	— 517	— 230
— On the antiquity of transfusion - - -	III 731	— 291
— The variation of the magnetic needle predicted - - -	— 789	II 610
— A narrative of the conjunction of the two seas, the Ocean and the Mediterranean, by a channel cut out through Languedoc in France - -	IV 1123	III 683
— Account of the stone quarries and talc rocks in Hungary - - -	V 1044	II 339
— Directions and inquiries concerning the mines, minerals, and baths, of Hungary - - -	— 1189	III 605
— Discovery of a new star in the constellation of the Swan - - -	— 2092	II 523, 585
— Directions for enquiries concerning stones and other materials for the use of building, together with a suggestion for retrieving the art of hardening and tempering steel for cutting porphyre and other hard marbles - - -	— 2092	I 248
— Breviat of Mr. Picart's account of the measure of the earth - - -	VIII 6010	— 588
— The quantity of a degree of a great circle by English measures - - -	X 261	III 419
— Account of four sorts of factitious shining substances - - -	XI 636	I 587
— Answer to Leeuwenhoek's observations on animalculæ in semine humano - - -	XII 867	— —
	— 1043	III 345

	Transf.	Abridg.
OLDENBURG, HENRY. On the effect of a thunder clap on the compass of a ship on the coast of New England - - -	XIV 520	
— Remarks on Molyneux's account of the course of the tides at Dublin - - -	XVI 193	II 263
OLIVER, ANDREW. An account of an extraordinary disease among the Indians in the islands of Nantucket and Martha's Vineyard in New England - - -	LIV 386	
OLIVER, WILLIAM, M. D. Experiments of sinking a bottle close corked under various depths of water - - -	XVII 908	— 305
— Account of Lay Well which ebbs and flows - - -	— —	— —
— Answer to several queries relating to Lay Well - - -	— 910	— —
— Remarks on a late journey into Denmark and Holland - - -	XXXIII 1400	V 2 123
— Account of a calenture - - -	XXIV 1562	V 364
— Account of Jesuits bark - - -	— 1596	IV 2 323
— Case of an extraordinary sleepy person - - -	— 2177	[V 353]
— History of a woman whose genital parts were præter-naturally formed - - -	XXXII 413	VII 548
— Cases of Dropsies cured by sweet oil - - -	XLIX 46	
ORAM, RICHARD. Case of a boy cured of convulsive fits by a discharge of worms - - -	L 518	
ORRED, DANIEL. A case in which the head of the os humeri was sawn off, and yet the motion of the limb preserved - - -	XLIX 6	
OSBORNE, JOHN. On the success of inoculation at Boston in New England - - -	XXXII 225	— 617
OSBORNE, ———. Observations on an eclipse of the Sun, July 2, 1684, at Tredagh - - -	XIV 749	
OXFORD PHILOSOPHICAL SOCIETY. Table of the weight of a cubic foot of grain of various sorts - - -	XV 926	I 522
— Account of a woman who voided the bones of a foetus, above the os pubis, and by other extraordinary ways - - -	XX 292	III 219 II 458,
— Concerning rufma and alcanna - - -	— 295	645

P

	Transl.	Abridg.
P. R. An account of an extraordinary eruption of water in June, 1686, in Yorkshire	XX 382	II 328
PACKER, PHILIP. Instance of petrefaction	I 329	— 325
PADERNI, CAMILLO. Account of some statues, pictures, and other curiosities, found in a subterraneous town lately discovered near Naples	XLI 484	IX 440
— Account of some antiquities dug up at Herculanum	XLVIII 71	
	— 634	
	— 821	
— Account of the late discoveries at Herculanum	XLIX 109,	
	490	
	L 49, 619	
— Account of an earthquake and eruption of Mount Vesuvius, March 24, 1758	— 619	
PAISLEY, Lord. Observations on the comet of 1723, with some curious figures	XXXIII 50	VI 265
PAITONI, JOHN BAPTIST, M. D. Anatomical observations on a defect of the right lobe of the lungs	LV 79	
PALLAS, SIMON PETER, M. D. State of the cold at Berlin in the Winter of 1762-3	LIII 62	
— Account of the jaculator fish	LVI 186	
— Account of iron ore lately found in Siberia	LXVI 523	
PALMER, —. Observations on an eclipse of the Moon, Sept. 8, 1761, at Eaton in Northamptonshire	VI 2272	I 307
PALMER, JOSEPH. Account of the effects of lightning at South Moulton, Devonshire	XLVII 330	
PANTON, PAUL. On the increase of population in Anglesey	LXIII 180	
PAPA, JOSEPH DEL. On the strange effects of the Indian varnish	XXII 947	V 417

	Transf.	Abridg.
PAPEN, DENYS. Experiment on animals in the air pump - - -	X 443, 447 477, 492, 542	II 205, 139, 215.
— Experiments in the air pump - - -	X 544	250
— Description of a Sypho performing the same things as the Sypho Wurtembergicus	XV 847	I 538
— A new way of raising water - - -	XV 1093	I 539
— Observations on a French paper concerning perpetual motion - - -	— 1240	— 524
— Description and use of a new contrivance for raising water - - -	— 1274	— 540
— Experiment of shooting by the rarefaction of the air - - -	XVI 21	— 496
— On the instrument for effecting a perpetual motion - - -	— 138	
— Demonstration of the velocity wherewith the air rushes into an exhausted receiver	— 193	— 497
— Answer to M. Nuis's objections to the engine for raising water by the rarefaction of the air	— 263	— 542
— Answer to the author on perpetual motion	— 267	
— Account of the Heffian bellows - - -	XXIV 1990	IV 447
PAPIN, FATHER. Observations on the phycic and mechanic arts of the Indians - - -	XXVIII 225	V 2 182
PARADICE, WILLIAM. The effects of the lightning at Steeple Aston and Holt, Wilts, June 20, 1772 - - -	LXIII 240	
PARDIES, IGNATIUS GASTON. Animadversions upon Newton's theory of light - - -	VII 4087	I 137
— Letter to Mr. Newton on his answer to the animadversions, - - -	— 5012	— 141
PARISI, WIL. CÆSAR. Observations on an eclipse of the Moon, Sept. 8, 1718, at Bologna	XXXIII 72	VI 187
PARKER, LORD. Account of an extraordinary agitation of the waters at Shirburn castle, Oxfordshire - - -	XLIX 386	
PARKER, JOHN. Account of a late eruption of Mount Vesuvius - - -	XLVII 474	
PARTINGTON, MILES. A cure of muscular contraction by electricity - - -	LXVIII 97	
PARSONS, JAMES, M. D. Account of the phoca, vitulus marinus, or sea calf - - -	XLII 383	IX 74
— Natural history of the rhinoceros - - -	— 523	— 93
— The Crounian lectures on muscular motion, 1744 and 1745 - - -	XLIII 1	XI 1226
— Observations on the seeds of vegetables - - -	— 184	X 750
— Account of a quadruped brought from Bengal	— 465	XI 899

PARSONS,

	Transl.	Abridg.
PARSONS, JAMES, M. D. Account of perfect minute crystal stones - - -	XLIII 468	X 612
— Instance of the happy effects of musk in a dangerous case - - -	XLIV 75	XI 1055
— Case of a woman who speaks distinctly though she has lost the apex and body of her tongue - - -	— 621	— 956
— Observations on shell fish, lodged in a large stone brought from Mahon harbour - - -	XLV 44	— 862
— Account of a præter-natural conjunction of two female children - - -	— 526	— 1209
— Account of the rana piscatrix - - -	XLVI 126	— 866
— Account of an earthquake, March 8, 1749. 50 at London - - -	— 653	X 502
— Dissertation on the class of phocæ marinæ - - -	XLVII 109	
— Letter concerning an hermaphrodite shewn in London - - -	— 142	
— Account of a very small monkey - - -	— 146	
— On the shells of crabs - - -	— 439	
— On the formation of corals and coralines - - -	— 505	
— Observations on Father Kircher's opinion concerning the burning of the fleet of Marcellus by Archimedes - - -	XLVIII 621	
— On the use of lycoperdon, in stopping blood after amputation - - -	XLIX 38	
— Remarks on a petrified echinus - - -	— 155	
— Account of a sheep having a monstrous horn growing from his throat - - -	— 183	
— Observations on the Abbé Mazeas's letter on the Count de Caylus's method of imitating the antient painting, in burnt wax - - -	— 655	
— Account of some extraordinary tumours on the head - - -	L 350	
— Account of some fossils, fruits, and other bodies found in the isle of Shepey - - -	— 396	
— Account of an animal of the cat kind sent from the East Indies - - -	LI 648	
— Account of the pholas conoides - - -	LV 1	
— Account of a white negro - - -	— 45	
— On the double horns of the rhinoceros - - -	LVI 32	
— Observations on amphibious animals - - -	— 139	
— On the structure of the asperæ arteriæ, or wind-pipes of birds, and the land tortoise - - -	— 204	
— Account of a particular species of camelion - - -	LVII 192	
PASCAL, JOHN. Observations on the motion of dice-cases, and on the births and deaths of men and other animals in different times of the	XVII 815	III 311
Νυχθημερον		PATOUILLAT,

	Transl.	Abridg.
PATOUILLAT, ———. M. D. On the poison of henbane roots - - - - -	XL 446	VIII 841
PAXTON, REV. WILLIAM. Account of a remark- able storm at Buckland Brewer, Devon, March 2, 1769 - - - - -	LIX 79	
PAYEN, ———. Observations on the eclipse of the Sun, June 22, 1666, at Paris - - -	I 296	I 281
PAYNE, JOHN. A narrative of a new invention of expanding fluids by their being conveyed into certain ignifed vessels, where they are imme- diately rarified into an elastic impelling force, sufficient to give motion to hydraulo-pneuma- tical and other engines for raising water, and other uses, &c. - - - - -	XLI 821	VIII 638
PAYNE, ROBERT. Account of a fork put up the anus, and drawn through the buttock - - -	XXXIII 408	VII 521
PECQUET, JOHN. A new discovery of the communi- cation of the ductus thoracicus with the emul- gent vein - - - - -	II 461 III 669	III 258
—— Answer to Marriotte's discovery touching vision - - -		
PEDINI, PASQUAL R. Account of the earthquakes felt at Leghorn, January 1742, with some observations - - - - -	XLII 77	VIII 697
PEIRCE, JEREMIAH. Extraordinary case of a tu- mour in the knee of a person whose leg was taken off - - - - -	XLI 56	IX 271
PEIRCE, ROBERT, M. D. Instance of the bath curing the palsy and barrenness - - -	XV 944	II 339
—— Case of a shell found in one of the kidneys of a woman - - - - -	— 1018	III 162
PEMBERTON, HENRY, M. D. Experiments on the force of bodies in motion - - - - -	XXXII 57	VI 276
—— On the appearance of several arches of colours contiguous to the inner edge of the rainbow - - -	— 245	— 123
—— Considerations on a treatise on a new set of loga- rithmic solar tables - - - - -	LI 910	
—— On the locus for three or four lines celebrated among the ancient geometers - - - - -	LIII 496	
—— Kepler's method of comparing the moon's paral- lax in solar eclipses, demonstrated and extended - - -	LXI 437	
—— Geometrical solutions of three celebrated astron- omical problems - - - - -	LXII 434	
PENNANT THOMAS. Account of an earthquake felt in Flintshire, April 2. 1750 - - - - -	XLVI 6S7	X 511
—— Account of some fungitæ and other curious co- ralloid fossil bodies - - - - -	XLIX 513	

	Transf.	Abridg.
PENNANT, THOMAS. Account of the different species of pinguins - - -	LVIII 91	
— Account of two new tortoises - - -	LXI 266	
PEPUSCH, JOHN CHRISTOPHER. Mus. D. On the music of the ancients - - -	XLIV 266	X 261
PERCIVAL, PHILIP. Account of a luminous appearance in the air at Dublin, January 12, 1719-20 - - -	XXXI 21	VI 2 81
PERCIVAL, THOMAS, M. D. On the Roman colonies and stations in Cheshire and Lancashire - - -	XLVII 216	
— Account of a double child - - -	— 360	
— Experiments on the Peruvian bark - - -	LVII 221	
— Experiments and observations on the waters of Buxton and Matlock - - -	LXII 455	
— On the population of Manchester and other adjacent places - - -	{ LXIV 54	
— Supplement - - -	{ LXV 322	
— New and cheap method of preparing pot-ash - - -	LXVI 160	
PEREYRA, ANDR. Observations on an eclipse of the Sun, July 15. 1730, made at Pekin - - -	LXX 545	
— — on the immersions and emerfions of Jupiter's satellites made at Pekin, 1730 - - -	XXXVII 179	VI 183
— — — on the immersions and emerfions of Jupiter's satellites made at Pekin, 1730 - - -	— 316	— 249
PERKS, I. Construction and properties of a new quadratrix to the hyperbola - - -	XXV 2253	IV 37, 66
— An easy mechanical way to divide the nautical line in Mercator's projection, with an account of the relation of the same meridian line to the curva catenaria - - -	XXIX 331	— 456
PERRY, CHARLES, M. D. Experiments upon the water of the dead sea upon the hot springs near Tiberiades, and upon Hamman Pharoas water - - -	XLII 48	VIII 643
— An account of an earthquake felt in the island of Sumatra in Nov. and Dec. 1756 - - -	L 491	
PETERS, CHARLES, M. D. Case of a person bit by a mad dog - - -	XLIII 257	
PETIT, PIERRE. Advice touching the conjunction of the ocean with the Mediterranean - - -	I 41	III 683
— Letter about the load stone - - -	II 527	II 607
PETIVER, JAMES. Catalogue of some Guinea plants, with their native names and virtues, and remarks on them - - -	XIX 677	— 752
— Account of some Indian plants, &c. with their names descriptions, and virtues - - -	XX 313	— 725
— Remarks on some animal plants, &c. sent from Maryland - - -	— 393	— 753

	Transf.	Abridg.
PETIVER, JAMES. Some attempts made to prove that herbs of the same make or class for the generality, have the like effect and tendency to work the same effects -	XXI 289	II 734
— An account of part of a collection of curious plants and drugs lately given to the Royal Society by the East India Company, with their names, virtues, and descriptions -	XXII 579	— 752
— First book of East India plants -	— 581	— —
— Second book, with remarks -	— 699	IV 2 325 V 183
— Third book, with remarks -	— 843	— —
— Fourth book, with remarks -	— 932	— —
— Fifth book, with remarks -	— 1007	IV 2 325
— Sixth book, with remarks -	XXIII 1055	— —
— Seventh book, with remarks -	— 1251	— —
— Eighth book, with remarks -	— 1450	— —
— Description of some shells found on the Molucca islands -	XXII 927	— - 285
— Description of some coralls, and other curious submarines found in the Philippine isles	XXIII 1419	— - 286
— Account of some plants collected at Chutan	XXIV 1419	— —
— Account of some animals, and shells sent from Carolina -	— 1952	— - 325
— Catalogue of fossils, shells, metals, minerals, &c. sent from Zurich -	— 2042	— - 286
— Catalogue of some minerals, petrified shells, and other fossils sent from Berlin -	— 2082	— —
— The manner of making styrax liquida, alias rosa mallas -	XXVI 44	V 417
— Account of divers rare plants observed about London, and particularly in the physic garden at Chelsea -	XXVII 375, 416 XXVIII 33, 177 XXIX 229, 353	IV 2 235
PETRE, Lord. On some extraordinary effects of lightning -	XLII 136	VIII 507
PETTO, Rev. SAMUEL. Account of some parhelii seen at Sudbury, Suffolk, December 28, 1698	XXI 107	II 187
PETTY, Sir WILLIAM. Experiments to be made relating to land carriage -	XIV 666	I 514
— Queries whereby to examine mineral waters -	— 802	II 365
— Catalogue of mean, vulgar, cheap, and simple experiments -	XV 849	III 683
— An extract of two essays on political arithmetick		

	Transf.	Abridg.
concerning the comparative magnitudes of London and Paris	XVI 152	
— What a complete treatise of navigation should contain	— 237	
PEYSSONNEL, JOHN ANDREW, M. D. Observations on the brimstone hill in the island of Guadeloupe	XVII 657	I 571
— Observations upon the currents of the sea at the Antilles of America	XLIX 564	
— — in the Mediterranean	— 624	
— — at Bizerty in Barbary	— 634	
— — at Marfeilles	— 635	
— — at Bonne, called also Hipone, in Barbary	— 637	
— Of the visitation of the leprous persons in the island of Guadaloupe	— 638	
— Observations on the naked snail producing purple	L 38	
— Observations on the worms that form sponges	— 585	
— Observations on the sea alga with broad leaves	— 590	
— Observations on a slight earthquake which may lead to the knowledge of the cause	— 631	
— Observations on the Manchenille apple	— 645	
— Observations on the American sea fun-crown	— 772	
— Observations on the sea millepes	— 843	
PHILIPS, HENRY. Observations on the eclipse of the Sun, June 22, 1656, at London	Ll 35	
— On the true time of the tides	I 295	— 280
PHILIPS, RICHARD. Account of the agitation of the water at Reading, November 1, 1755	III 656	II 261
PICART, MICHAEL. Observations on Saturn made at Paris, Aug. 16, 1668	XLIX 365	
— Observations on the eclipse of the Moon, Jan. 11, 1675, at Paris	IV 900	I 365
— Breviat of his account of the measure of the earth	X 257	— 308
PICKERING, REV. ROGER. Observations on the seeds of mushrooms	— 261	— 587
— A scheme of the diary of the weather	XLII 593	VIII 812
— Description of the thermometer	XLIII 1	XI 1226
— Description of the hygrometer	— 5	
— Description of the anemoscope	— 6	
— Description of the ombrometer	— 9	
PICKERING, REV. ROGER. On the propagation and culture of mushrooms	— 12	— 1030
— On the manuring land with fossil shells	XLIII 96	X 788
— Account of the earthquake, March 8, 1749-50, at London	— 191	— 796
	XLVI 622	— 498

	Transf.	Abridg.
PICKERSGILL, RICHARD. Track of the brig Lion from England to Davis's Straights and Labrador, with observations for determining the longitude, as also the variation of the compass and dip of the needle - - -	LXVIII 1057	
PICCOLO, FRANCIS MARIA. On the discovery of a passage by land to California; with a map and description of the country - -	XXVI 232	V 2 191 II 390. 400
PIGOTT, THOMAS. Account of the earthquake. Sept. 17, 1683, at Oxford - -	XIII 311	
PIGOTT, NATHANIEL. Observations on the eclipse of the Sun, Aug. 11, 1765. at Caen in Normandy - - -	LVII 402	
— Observations on the transit of Venus, Jan. 3. 1769, at Caen - - -	LX 257	
— Meteorological observations at Caen for 1765. —69 - - -	LXI 274	
— Astronomical observations in the Austrian Netherlands - - -	LXVI 182 XXXV 491	VII 623
PINELLI, MICHAEL. On the causes of the gout - - -	LII 371	
PINGRE, ALEXANDER GUY. Observations on the transit of Venus, June 6, 1769, at the island of Rodriguez - - -	LIV 152 LX 497 LXVIII 637	
— Supplement to his memoir on the parallax of the Sun - - -	LXIII 231	
— Astronomical observations in America - - -	XX 184	III 234
— — in the Austrian Netherlands - - -	— 278 XII 978	II 91 — 652
PITCAIRN, ROBERT. The effects of lightning at Steeple Aston and Holt, June 20, 1772 - -	XVIII 58	III 263
PITT, CHRISTOPHER, M. D. Account of the dissection of a dog which had mercury injected into one of the jugulars - -	LVIII 107	
— Of the motion of the stomach observed in a dog - - -	XLII 33	VIII 693
PITT, EDMUND. Account of the sorbis pyriformis - - -	LXVI 129	
PITT, ROBERT. History of a convulsive rheumatic lumbago - - -		
PLANMAN, —. A determination of the solar parallax attempted from the observations on the last transit of Venus - -		
PLANT, Rev. MATTHIAS. Journal of the shocks of earthquakes felt in New England from 1727 to 1741 - - -		
PLANTA, JOSEPH. Account of the Romanish language - - -		
PLATT, JOSHUA. Account of a flat spheroidal		

	Transf.	Abridg.
stone, having lines regularly crossing it	XLVI 534	X 638
— Account of a fossil thigh bone	L 524	
— Account of the belemnite fossils	LIV 38	
PLATT, THOMAS. Experiments made upon vipers, at Florence	VII 5060	II 811
PLAXTON, Rev. GEORGE. Natural observations made in the parishes of Kenardsey and Donington, Shropshire	XXV 2418	V 2 112
PLAYFAIR, Rev. JOHN. On the arithmetic of impossible quantities	LXVIII 318	
PLESSIS, M. DU. Anatomico-medical observations on a monstrous double child	L 317	
PLOTT, ROBERT, M.D. Observations on the sand found in the brine of the salt-works in Staffordshire	XIII 96	II 360
— On the sepulchral lamps of the ancients	XIV 806	III 636
— History of the wind, weather, and height of mercury in the barometer at Oxford, with the use to be made of it	XV 930, 932	II 46
— Account of some incombustible cloth	— 1051	
— The most seasonable time for the felling of timber	XVII 455	I 589
— Observations on black lead	XX 183	II 462
— Catalogue of electrical bodies	— 384	III 491
PLUCHE, Abbé. On the smut of corn	XL 357	VIII 817
PLUMMER, ———. Observations on the earthquake at Lisbon, Nov. 1, 1755, made at Oporto	XLIX 419	
POCOCKE, Rev. RICHARD. Account of the Giants Causeway in Ireland	XLV 124	X 594
— Account of the Dudley fossil	XLVI 600	— 656
— Further account of the Giants Causeway	XLVIII 226, 238	
POLENUS, JOHN. Observations on the eclipse of the Moon, Sept. 8, 1718, at Padua	XXXIII 71	VI 185
— Observations on the eclipse of the Sun, Sept. 23, 1726, at Padua	XXXIV 157	— 173
— Observations on an eclipse of the Moon, Oct. 2, 1726, at Padua	— 158	
— — February 2, 1729, at Padua	XXXVI 173	— 203
— — July 29, 1729, at Padua	— 176	— 206
— Observations on an eclipse of the Sun, July 14, 1730, at Padua	— 396	— 183
— Meteorological observations made at Padua during six years	XXXVII 201	VI 2 131
— A summary of meteorological observations made at Padua during six years	XL 259	

	Transf.	Abridg.
POLENUS, JOHN. Observations on red lights in the air, Dec. 5 th 1737, at Padua -	XLI 587	VIII 529
— New observations to discover whether pendulums are obstructed by any centrifugal force -	XLII 299	— 250
POLLHILL, NATHANIEL. On Mr. Debraw's improvement in the culture of bees -	LXVIII 107	
POND, ARTHUR. Account of some stones found in Antigua -	XLIX 297	
POOLEY, GILES. Account of the digging and preparing lapis calaminaris -	XVII 672	II 554
POPE, WALTER. Account of the mines of mercury in Friuli -	I 21	— 577
— A way of producing wind by the fall of water -	— —	I 498
— Observations on the eclipse of the Sun, June 22, 1666 at London -	— 295	— 280
PORTER, Sir JAMES. Answer to queries sent to Constantinople concerning the plague -	XLIX 96	
— Answer to queries respecting the population of Constantinople -	— 100	
— On the practice of inoculation at Constantinople -	— 104	
— Account of several earthquakes felt at Constantinople, May 15, 1755 -	— 115	
— Astronomical and physical observations made in Asia -	— 251	
— Observations on the transit of Venus made at Constantinople -	LII 226	
POTT, PERCIVAL. Account of some tumours which rendered the bones soft -	XLI 616	IX 247
— — of an hernia in the urinary bladder including a stone -	LIV 61	
POVEY, THOMAS. The method, manner, and order of the transmutation of copper into brass -	XVII 735 XXII 474	II 565
POUND, Rev. JAMES. Astronomical observations made at Wanstead -	XXIX 401	IV 303
— Some observations of the planets, and especially of the occultation of a certain fixed star, by the interposition of the body of Jupiter -	— 506	
— A rectification of the motions of the five satellites of Saturn, with some accurate observations on them -	XXX 768	— 320
— Corrected table of the motion of the five satellites of Saturn -	— 776	— 323

	Transf.	Abridg.
POUND, Rev. JAMES. Observations of the transit of the body and shade of Jupiter's fourth satellite over the disc of the planet	XXX 900	IV 307
— New and accurate tables for the ready computing of the eclipses of the first satellite of Jupiter by addition only	— 1021	— 308
— Observations made with Mr. Hadley's reflecting telescope	XXXII 382	VI 221
POUPART, FRANCIS. Anatomical history of the leech	XIX 722	II 819
— Account of the insect called libella	XXII 673	— 762
— Strange effects of the scurvy at Paris in 1699	XXVI 223	V [359]
POWELL, JOHN. Case of a woman who voided, with her urine, hairy crustaceous substances	XLI 699	IX 180
POWLE, HENRY. Account of the iron-works in the forest of Dean	XII 931	II 558
PRESTON, CHARLES, M. D. Account of a stone of the bladder which weighed 51 ounces, and of a stone out of the bladder which adhered to it	XIX 310	III 154
— An anatomical account of some remarkable things found on the dissection of a woman who died of a dropsy, after the paracentesis was performed, with a small reflection on the causes of dropsies	— 330	— 141
— An account of the opening of the body of a boy who died suddenly, and what observable was found therein	— 362	— 32
— A general idea of the structure of the internal parts of fish	— 419	II 847
— Account of a child born alive without a brain	— 457	III 24
PRESTON, THOMAS. Account of the island of Zetland	XLIII 57	XI 1328
PRICE, CHARLES. Remarks on the villi of the stomach of oxen, and the expansion of the cuticle through the ductus alimentalis	XXXV 532	VI 441
PRICE, RICHARD, D. D. A demonstration of the second rule in the essay towards the solution of a problem in the doctrine of chances, published in vol. LIII.	LIV 296	
— Observations on the expectations of lives, the increase of mankind, the influence of great towns on population, particularly the state of London with respect to healthfulness and number of inhabitants	LIX 89	
— Observations on the proper methods of calculating the values of reversions dependent on survivorships	LX 268	

	Transf.	Abridg.
PRICE, RICHARD, D. D. On the effect of the aberration of light on the time of a transit of Venus over the Sun - -	LX 536 LXIV 96	
— On the insalubrity of marshy situations - -	LXV 424 LXVI 109	
— On the difference between the duration of human life in towns, and in country parishes, and villages - -	LVIII 68	
— Theorems for finding the value of annuities - -	LIX 57	
PRIESTLEY, JOSEPH, D. D. An account of rings consisting of all the prismatic colours, made by electrical explosions on the surface of pieces of metal - -	- 63	
— Experiments on the lateral force of electrical explosions - -	LX 192 - 211	
— Various experiments on the force of electrical explosions - -	LXII 147	
— An investigation of the lateral explosion, and of the electricity communicated to the electrical circuit in a discharge - -	- 359	
— Experiments and observations on charcoal - -	LXIV 90	
— Observations on different kinds of air - -	LXV 384	
— An account of a new electrometer, contrived by Mr. William Henley, and of several electrical experiments made by him - -	LXVI 226	
— On the noxious quality of putrid marshes - -	XLIX 642	
— Further discoveries on air - -	XLVI 480	
— On respiration, and the use of the blood - -	- 525, 550	
PRINCE, Rev. ———. Account of an universal agitation of the sea at Ildfarcombe in Devonshire, Feb. 27, 1756 - -	XI 1365 1369, 1373	
PRINGLE, Sir JOHN, M. D. Account of some substances resisting putrefaction - -	XLVIII 42	
— Further experiments - -	- 297	
— An account of several persons seized with the goal-fever, working in Newgate, and of the manner in which the infection was communicated to one intire family - -	XLIX 360	
— Case of fragility, flexibility, and dissolution of the bones - -	- 546	
— Account of an agitation of the waters, Nov. 1, 1755, at Chevening - -	XLIX 550	
— Account of the earthquakes felt, Dec. 26, 27, and Feb. 18, 1756, at Brussels - -		
— Account of the agitation of the waters, November 1, 1756, in Scotland, and at Ham- burgh - -		

	Transl	Abridg.
PRINGLE, Sir JOHN, M. D. Case of the late Horace Lord Walpole	L 205	
— On the virtues of soap in dissolving the stone	— 221	
— Remarks on the several accounts of the fiery meteor which appeared, Nov. 26, 1758, and on other such bodies	LI 259	
PROBY, THOMAS. Case of an ivory bodkin cut out of the bladder of a young woman	XXII 155	III 162
PRYME, ABRAHAM DE LA. Account of some Roman antiquities found in Lincolnshire	— 561	— 428
— Letter concerning Broughton in Lincolnshire with observations on the shell fish observed in the quarries about that place	— 677	II 428
— Account of trees found under ground in Hatfield Chase	— 980	IV 2 212
— On the biting of mad dogs	XXIII 1073	— 218
— Account of subterraneous trees	— —	— —
— Observations concerning vegetation	— 1214	— 310
— Observations on water spouts seen in Yorkshire	— 1248	— 106
— Observations on a water spout seen at Hatfield	— 1331	— 107
PULLEIN, Rev. SAMUEL. Description of a new improved silk reel	LI 21	
— Account of a particular species of cocoon or silk pod, from America	— 54	
PULLEYN, OCTAVIAN. Account of an Etruscan inscription found on an old urn at Rome	XIX 537	III 448
— Account of a Palnerine inscription found at Rome	— —	— 526
PULTENEY, RICHARD, M. D. Account of some rare plants found in Leicestershire	XLIX 803	
— Observations upon the sleep of plants; with an account of that faculty, which Linnæus calls <i>vigiliæ florum</i> ; with an enumeration of several plants which are subject to that law	L 506	
— Case of a man whose heart was enlarged to a very uncommon size	LII 34 4	
— On the medicinal effects of a poisonous plant, exhibited instead of the water-parsnep	LXII 469	
— An account of baptisms, marriages, and burials during forty years, in the parish of Blandford Forum, Dorset	LXVIII 615	
PURCELL, JOHN, M. D. Description of a double uterus and vagina	LXIV 474	
PYE, WILLIAM. Description of the island of Manilla	XLIX 458	
— Account of the earthquakes at Manilla, 1750	— 459	

	Transf.	Abridg.
PYKE, ISAAC. Method of making the best mortar at Madras in the East Indies -	XXXVII 231	VI 465
PYLARINUS, JAMES, M. D. A new and safe method of procuring the small pox by transplantation, lately invented and drawn into use - - -	XXIX 393	V 377
Q.		
QUET, ANDREW DU. Method of rowing men off war in a calm - - -	XXXI 239	VI 439
QUINCY, JOHN, M. D. On the operation of medicines - - -	- 71	VII 586
QUINTINIE, JOHN DE LA. On the ordering of melons - - -	IV 901, 923	II 638
R.		
R. B. On the incalcescence of quicksilver with gold	X 515	II 580
R. W. The relation of a storm of thunder, lightning, and hail, at Oundle in Northamptonshire	XVII 710	
RAMAZZINI, BERNARD. Account of the distemper among the black cattle in the Venetian territories, with a recipe for the same -	XXIX 46	V 183
RAMSDEN, JOHN. Description of a new micrometer	LXIX 419	
RANBY, JOHN. Dissection of an eye with a cataract	XXXIII 31	VII 488
— Observations on the dissection of an ostrich	- 223	- 435
— An enquiry into a discovery said to have been		

	Trans.	Abridg.
made by Signor Valsalva of an excretory duct from the glandula renalis to the epididymis	XXXIII 270	VII 541
RANBY, JOHN. Two newly discovered arteries in women going to the ovaria	XXXIV 159	— —
— Anatomy of the poisonous apparatus of a rattlesnake, with an account of the quick effects of its poison	XXXV 377	— 416
— Observations made on the dissection of three subjects	— 413	V 560
— Observations on dissecting an ostrich	XXXVI 275	VII 437
— An account of opening the body of a woman who had a large umbilical rupture	XXXVII 221	— 516
RAND, ISAAC. Catalogue of fifty plants sent from Chelsea Garden to the Royal Society, 1724	XXXIII 305	
— — — 1725	XXXIV 125	
— — — 1726	XXXV 293	
— — — 1727	XXXVI 1	
— — — 1728	— 219	
— — — 1729	XXXVII 1	
— — — 1730	— 223	
— — — 1731	XXXVIII 1	
— — — 1732	— 199	
— — — 1733	XXXIX 1	
— — — 1734	— 173	
— — — 1735	XL 1	
— — — 1736	— 143	
— — — 1737	XLI 1	
— — — 1738	— 291	
— — — 1739	— 406	
RAPER, MATTHEW. Enquiry into the measure of the Roman foot	LI 774	
— Remarks on a passage of the editor of the <i>Connoissance des Mouvements Celestes pour l'Année, 1762</i>	LII 366	
— Observations on the solar eclipse, April 1, 1764, at Thorley Hall	LIV 150	
— Inquiry into the value of Greek and Roman money	LXI 462	
RASPE, R. E. A dissertation on the bones and teeth of elephants, and other beasts found in America and other northern regions, by which it appears they are the bones of indigenous beasts	LIX 126	
— On the manner of producing white marble	LX 47	
— Account of some basalt hills in Hesse	LX 80	
RASTELL, THOMAS, M. D. Account of the salt waters of Droytwich in Worcestershire	XII 1059	II 365
		RASTRICK,

	Transl.	Abridg.
RASTRICK, WILLIAM. Observations on the northern lights for 4 years - - -	XXXIV 255	VI 2 113
RAWLINSON, CHRISTOPHER. Case of a præternatural perforation found in the upper part of the stomach, with the symptoms it produced - - -	XXXV 361	VII 507
RAY, Rev. BENJAMIN. Account of a water spout at Deeping-Fen, Lincolnshire - - -	XLVII 477	
RAY, JOHN. On the motion of the sap in trees - - -	IV 963	II 682
— On spontaneous generation, and also of some insects smelling of musk - - -	VI 2219	— 765
— Account of the dissection of a porpoise - - -	VII 2274	— 836
— On the swimming bladders in fishes - - -	X 349	I 846
— Observations on the French Macruse - - -	XV 1041	II 850
— On the improvement to be made by maize - - -	XVII 938	— 634
— Observations on the effects of a poisonous root, and on the virtues of the leaves of hemlock - - -	XIX 634	— 640
— On the poisonous qualities of hemlock-water-drop-wort - - -	XX 84	— 641
— Anatomical observations on a body dissected by him at Padua - - -	XXV 2282	V 184
— Observations on the comet of 1664, at Rome - - -	— 2350	IV 339
REAUMUR, RENE-ANTOINE FORCHAULT DE. Of the fresh water polypus - - -	XLII xii	IX 26
— Means for preserving dead birds, quadrupeds, reptils, fishes, &c. - - -	XLV 304	
— Account of an earthquake, Oct 11, 1749, in France - - -	XLVI 691	X 526 I 607 II 464, 828
REDDING, Sir ROBERT. Account of the pearl fishery in the North of Ireland - - -	XVII 659	
REDI, FRANCIS. Observations on vipers - - -	I 160	
— Remarks concerning factitious salts - - -	XX 281	III 339
— Account of his Mss. - - -	XXI 42	II 789
RFED, RICHARD. On the reason for transplanting vegetables - - -	VI 2128	— 655
— On an early swarm of bees - - -	— —	— 687
— On the descent of sap - - -	— —	— 690
— On cyder - - -	— —	
REGNART, N. Of a pin found in the gizzard of a fowl - - -	XXIV 2055	V 53
REID, ALEXANDER. On the effects of the Tunquinic medicine - - -	XLIII 212	XI 1044
— Case of a person cut for the stone, by the lateral way - - -	XLIV 33	— 991
— Essay on quantity - - -	XLV 505	X 22
REISEL, SOLOMON, M. D. Of an extraordinary tincture given to a stone - - -	XVI 22	I 604 REISEL,

	Transf.	Abridg.
REISEL, SALOMON, M. D. Account of the Siphio Wirttembergicus, at Stutgard -	XV 1272	I 539
RENEAUME, ———. Description of a new walnut tree - - -	XXII 908	IV 2 323
REVILLAS, DIDACUS DE. Account of an halo observed Aug. 11, 1732, at Rome -	XXXIX 118	VIII 108
— Observations on an eclipse of the earth, May 3, 1734 - - -	— 294	— 138
— Observations on the comet of 1736-7, at Rome	XL 118	— 213
— Observations on the eclipse of the Sun, Feb. 18, 1736-7, at Rome - - -	— 200	— 152
— Extracts from diaries of the weather kept at Rome - - -	XLI 193	— 422
— Observations on red lights in the air, Dec. 5 1757, at Rome - - -	— 601	
— Case of a large stone voided by a woman with her urine - - -	XLII 363	IX 179
REYNARDSON, JACOB. State of the English weights and measures of capacity -	XLVI 54	XI 1356
REYNELL, RICHARD. Case of a cataleptick woman - - -	XXXIX 49	IX 216
RHÆTUS, WALTHER CURIEUSUS. Remarkable appearances in the brain of three persons who died of epilepsies - - -	XXXV 31	VII 486
— History of the substance of a cataract - - -	— 315	— —
RICE, Rev. WILLIAM. Conjectures on an antient Roman inscription found at Caerleon -	XXX 945	
RICHARDSON, RICHARD, M. D. Relation of trees dug up at Youle in Yorkshire - - -	XIX 526	II 842
— Observations in natural history made at North Bierley in Yorkshire - - -	XXVIII 167	V 2 115
— Relation of a water spout on the Moors in Lancashire - - -	XXX 1097	IV 2 108
— Account of the squilla aquæ dulcis - - -	XXXVII 331	IX 54
— Case of a large piece of a thigh bone taken out, and its place supplied by a callus - - -	XLI 761	
RICHARDSON, WILLIAM, M. D. On the force of percussion - - -	LVIII 17	
— Observations on the Aphides of Linnæus	LXI 182	
RICHMOND, Duke of. Account of a shock of an earthquake, Oct. 25, 1734, felt in Suffex -	XXXIX 361	VIII 690
— Account of the polypus - - -	XLII 510	IX 35
RICHMOND, L. Account of a moving moss near Church Town, Lancashire - - -	XLI 282	X 596
RIDLEY, HUMPHREY M. D. Experiments on the motion of the dura mater - - -	XXIII 1480	V 201

	Transf.	Abridg.
RINALDINI, CHARLES. On the difference of ice made without air, and that made with air	VI 2169	II 164
ROEARTES, FRANCIS. On the proportion of mathematical points to each other -	XXVII 470	IV 1
ROBERTS, FRANCIS. On the musical notes of the trumpet, and trumpet marine	XVII 559	I 607
— Arithmetical paradox on the chances of lotteries	— 677	III 679
— On the distance of the fixed stars -	XVIII 101	I 233
ROBERTSON, JAMES. Description of the blunt headed cachalot whale -	LX 321	
ROBERTSON, JOHN. An explanation of the late Dr. Halley's demonstration of the analogy of the logarithmic tangents to the meridian line, or sum of the secants -	XLVI 559	X 256
— The construction of the logarithmic lines on the Gunter's scale -	XLVIII 96	
— Account of an agitation of the waters observed at Portsmouth, Nov. 1, 1755 -	XLIX 351	
— An essay towards ascertaining the specific gravity of living men -	L 30	
— An account of an extraordinary operation of raising a ship in the Dock yard at Portsmouth	— 288	
— Problems concerning the fall of water under bridges, applied to the falls under London and Westminster bridges -	— 492	
— Of the theory of circulating decimal fractions	LVIII 207	
— A demonstration of a law of motion, in the case of a body deflected by two forces tending constantly to two fixed points -	LIX 74	
— Investigation of twenty cases of compound interest -	LX 508	
ROBIE, THOMAS, M. D. Account of a large quantity of alcalious salt produced by burning rotten wood -	XXXI 121	VI 727
— Account of the eclipse of the Sun, Nov. 27, 1722, in New England -	XXXIII 67	— 172
— The effects of inoculation in New England	— —	VII 621
— On the venom of spiders -	— —	— 408
— Observations on the eclipse of the Moon, June 28, 1721 -	XXXVII 272	VI 215
— Observations on the eclipse of the Sun, Nov. 27, 1722 -	— 273	
ROBINS, BENJAMIN. Demonstration of the 11th proportion of Sir I. Newton's treatise of quadratures -	XXXIV 250	VI 60
— On the electricity of glass disturbing the mariner's compass, and other nice balances	XLIV 242	X 328

ROBINS,

	Transf.	Abridg.
ROBINS. BENJAMIN. On the height to which rockets will ascend - - -	XLVI 131	X 201
ROBINSON, HENRY. A relation of the raining of ashes in the Archipelago, upon the eruption of Mount Vesuvius, some years ago - - -	I 377	II 143
ROBINSON, TANKRED. Account of the bridge of St. Spirit in France - - -	XIV 584	I 293
— A further account, with a parallel history of some other bridges at Rome - - -	— 712	— 593
— Observations on boiling fountains, and faberian steam - - -	XV 922	II 349
— Observations on the Scotch barnacle - - -	— 1036	— 840
— Observations on the French Macreuse - - -	— —	— —
— Account of boiling and other fountains - - -	— —	— 320,
— Account of the tubera terræ or truffles - - -	XVII 824	349
— Account of Henry Jenkins, who lived to the age of 169 years - - -	— —	— 624
— Miscellaneous observations made about Rome, Naples, and some other countries, in 1683, 1684 - - -	XIX 266	III 307
ROCHE, ROBERT. Account of a fustian frock being set on fire by electricity - - -	XXIX 473	V 2 142
ROEBUCK, JOHN, M. D. Comparison between the heat of London and Edinburgh - - -	XLV 323	X 406
— Experiments on ignited bodies - - -	LXV 459	— —
ROGERS, WOODS. The variation of the magnetical compass observed in a passage from Cape St. Lucar in California to the isle of Guam or Guana, one of the Ladrões, with some remarks thereon - - -	LXVI 509	— —
— On the art of living under water - - -	XXXI 173	VI 2 286
ROLLI, PAUL. Account of the death of the Countess Cornelia Zangari and Bandi of Cefena. As also of John Hitchell, who was burned to death by lightning, and of Grace Pett, of Ipswich, whose body was consumed to a coal - - -	— 177	VI 350
ROMER, —. Demonstrations concerning the motion of light - - -	XLIII 447	XI 1068
ROMILLY, ISAAC. Account of several rare species of barnacles - - -	XII 893	I 409
RONAYNE, THOMAS. Observations on atmospheric electricity in regard of fogs, mists, &c. - - -	L 845	— —
RONDELLI, GEMINIANI. Observations on an eclipse of the Moon, Sept. 8, 1718, at Bologna - - -	LXII 137	— —
ROOK, —. New method for observing eclipses of the Moon - - -	XXXIII 72	VI 186
	I 388	I 300

	Transf.	Abridg.
ROSE, ALEXANDER. Account of a voyage to Bengal, with observations made there -	LX 444	
ROSEWARNE, HENRY. Account of a specimen of native tin, found in Cornwall -	LIX 47	
ROSS, —. Observations on the variation of the magnetic needle, made on board the Montagu man of war in 1760, 1761, 1762 -	LVI 216	
ROWLANDS, —. On the stocking the river Mene with oysters -	XXXI 250	VII 420
ROWNING, JOHN. A description of a barometer wherein the scale of variation may be increased at pleasure -	XXXVIII 39	VIII 445
— Direction for making a machine for finding the roots of equations universally, with the manner of using it -	LX 240	
ROXBURGH, WILLIAM. A meteorological diary kept at Fort St. George, in the East Indies from Oct. 1, 1776, to Feb. 28, 1777 -	LXVIII 180	
— — from March 1777. to May 1778 -	LXX 246	
ROY, WILLIAM. Experiments and observations made in Britain, in order to obtain a rule for measuring heights with barometers -	LXVII 653	
ROYAL SOCIETY. Inquiries proposed to be made concerning agriculture -	I 91	II 752 — 257
— Directions for seamen bound for long voyages -	— 140, 147	III 631
— Inquiries for Suratte, and other parts of the East Indies -	II 415	III 632
— Inquiries for Virginia, and the Bermudas -	— 420	III 631
— Inquiries for Persia -	— —	III 632
— Inquiries for Quaiiana, and Brasil -	— 422	— —
— Inquiries to be made in Hungary, and Transylvania -	— 467	III 631
— Inquiries to be made in Greenland -	— 554	— —
— A table shewing to what degree air is compressible in sea water, from the depth of one foot to 1947 feet, useful to divers -	VI 2192	II 201
— A supplement -	— 2239	— 202
— Declaration of the council on Mr. Hooke's Lampas -	XI 749	I 586
— Report of the committee on some questions in gunnery -	XLII 172	VIII 253
— Proposal of a method for securing the cathedra of St. Paul's from damage by lightning in consequence of a letter from the Dean and Chapter of St. Paul's to James West, Esq. -	LIX 160	

	Transf.	Abridg.
ROYAL SOCIETY. A report of the committee appointed by the Royal Society, to consider of a method for securing the powder magazine at Purfleet from lightning -	LXIII 42	
— Mr. Willson's dissent to part of the above report -	— 48	
— Answer of the committee to the above objections -	— 66	
— Meteorological Journal kept at the house of the Royal Society by order of the President and Council, 1776 -	LXVII 357	
— The report of the committee to consider of the best method of adjusting the fixed points of thermometers, and of the precautions necessary to be used in making experiments with those instruments -	— 816	
— Meteorological journal, 1777 -	LXVIII 573	
— — — — — 1778 -	LXIX 235	
— — — — — 1779 -	LXX 279	
RUSSEL, ALEXANDER, M. D. Account of an earthquake, March 8, 1749-50, at London	XLVI 631	X 501
— Account of four undescribed fishes at Aleppo	XLIX 445	
— Account of the late earthquakes in Syria	LI 529	
— Account of a remarkable marine production	LII 554	
— Account of inoculation in Arabia -	LVIII 140	
RUSSEL, RICHARD. Relation of a scirrhus tumour included in a cystus, &c. -	XXVIII 276	V 220
RUTHERFORTH, THOMAS, D. D. Account of an agitation of the waters in several ponds in Hertfordshire, Nov. 1, 1755 -	XLIX 684	
RUTTY, JOHN, M. D. On the poison of laurel water -	XLI 63	VIII 844
— Account of the copper springs lately discovered in Pennsylvania -	XLIX 648	
— Thoughts on the different impregnations of mineral waters, more particularly concerning the existence of sulphur in some of them	LI 275	
— Occasional remarks on the Hartfell Spaw, and their comparison with other waters of the same class -	— 470	
RUTTY, WILLIAM, M. D. Account of a præter-natural tumour on the loins of an infant, attended with a cloven spine -	XXXI 98	VII 676
— Account of a præter-natural bony substance found in the cavity of the thorax	XXXIV 152	— 505
— Two cases of tumours in the abdomen	XXXV 562	V 522
— Method of making tin plates -	— 630	VI 224C
— Natural history of cochineal -	XXXVI 264	VII 478

	Transf.	Abridg.
RYCAUT, Sir PAUL. A relation of the small creatures called fable mice, which have lately come in troops into Lapland, about Thorne, and other places adjacent to the mountains, in innumerable multitudes - - -	XXI 110	II 871
S.		
S. Sir P. Account of some Saxon coins found in Suffolk - - -	XVI 356	III 436
S. Sir R. The effect of a thunder clap on the compass of a ship on the coast of Coromandel - - -	XIV 521	
SACCHETTI, JOHN MENDES, M. D. Observations on the earthquake at Lisbon, Nov. 1, 1755 - - -	XLIX 409	
SACHETTE, Rev. JOHN. Account of a very uncommon sinking of the earth near Folkestone, Kent - - -	XXXIX 469	IV 2 248
SAINT CLARE, JOHN. A new way of orthographically delineating, by parallel rays, the postures and actions of an human body, exactly observing the symmetry and proportion of the parts - - -	VIII 6079	I 599
SAINT CLAIR, ROBERT, M. D. Contrivance of a lamp to be kept full whilst it burns - - -	XX 378	II 385
— Account of a very odd eruption of fire out of a spot of earth near Fierenzola in Italy - - -	— —	— —
SAINT JOHN, OLIVER. Account of the arcutio to lay children in - - -	XXXVII 256	VII 4 46
SALMON, Rev. THOMAS. The theory of music reduced to arithmetrical and geometrical proportions - - -	XXIV 2077	
SALTER, SAMUEL, D. D. Efficacy of bark in preventing the catching of cold - - -	XLIV 1	X 762
SAMBER, ROBERT, M. D. Case of a polypus coughed up - - -	XXXIV 262	VII 503
SAMPSON, HENRY, M. D. Observations on a man whose howels were inverted - - -	IX 146	III 111

SAMPSON,

	Transf.	Abridg.
SAMPSON, HENRY. Anatomical observations on the body of a woman, about 50 years of age, who died hydropical in her left testicle	XII 1000	III 206, 218
— Relation of an extraordinary child of six years old, who, in face, &c. was as large as a full-grown woman; and of what appeared on the dissection of the body	XIX 80	III 20
SANDERSON, WILLIAM. Observation on the variation of the needle made in the Baltic in 1720	XXXI 120	
SANDIUS, CHRISTOPHER. On the origin of pearls	IX 11	II 827
SANDWICH, EARL OF. Observations on the eclipse of the Sun, June 22, 1666, at Madrid	I 296	I 281
SANDYS, FRANCIS. The effects of Dampier's powder in curing the bite of a mad dog	XL 274	IX 224
SARMENTO, JACOB DE CASTRO. Account of diamonds lately found in Brazil	XXXVII 199	IV 2 182
— Astronomical observations at Paraguay from 1706 to 1730	XLV 667	X 118
SARTORIUS, —. Observations on the comet of 1736-7 at Madrid	XL 122	VIII 215
SAVARD, —. Account of a fœtus lying without the uterus	XIX 314	III 214
SAVERY, SERVINGTON. Magnetical observations and experiments	XXXVI 295	VI 2 260
SAVERY, THOMAS. Account of his engine for raising water by the help of fire	XXI 228	I 544
SAVILLE, ANN. Account of Henry Jenkins who attained 169 years	XIX 266	
SAULT, R. Analytic investigation of the curve of quickest descent	XX 425	— 463
SAUMAREZ, HENRY DE. Account of the marine surveyor	XXXIII 411	VI 444
— Observations on the tides of the river Thames	XXXIV 68	VI 2 167
— Further account of the marine surveyor	XXXVI 45	VI 456
SAUNDERSON, WILLIAM. Observations on the comet of Oct. 1723, made at Bombay	XXXIV 213	— 267
— Observations on the eclipse of the Moon, Oct. 21, 1724, at Gomroon in Persia	— —	— —
SCARBURGH, —. The effect of a storm at Acomack in America, October 19, 1692	XIX 659	II 104
SCHELHAMMER, G. CH. Remarks on a Mss. of ancient chirurgical writers in the Grand Duke's library	XXVII 459	
SCHEUCHZER, JOHN JAMES. Observations on an eclipse of the Sun, May 12, 1706, at Zurich	XXV 2246	IV 254

	Transf.	Abridg.
SCHEUCHZER, JOHN JAMES. Observations on an eclipse of the Moon, April 17, 1707	XXV 239+	IV 272
— Barometrical altitudes at Zurich in 1708, as also of the rain, wind, heat, cold, &c.	XXVI 342	
— Barometrical experiments for discovering the electricity of air in different parts of Switzerland	XXIX 266	IV 2 16
— Anatomy of a man aged 109 years	XXXII 313	VII 689
— Account of part of two human skeletons petrified	XXXIV 38	VI 2 205
— Anatomy of the Alpine mouse	— 237	VII 452
— Account of some rare crystals	— 200	VI 2 226
— Barometrical method of measuring the height of mountains	XXXV 537	— - 30
— Remarks on the height of mountains	— 577	— - 35
— Bills of mortality in several parts of Europe for 1724, 1725		174
— Botanical invitation to forward an history of the plants of Switzerland	XXXVI 110	VII 4 64
SCHLICHTING, JOHN DANIEL. Medico-chirurgical observations	XXXVII 219	VI 2 380
SCHLOSSER, JOH. ALBERT. Chymical experiments on the effects of quick lime, or alkaline salt volatile	XLII 270	IX 232
— Account of a curious fleshy coral-like substance	XLIX 222	
— Account of the jaculator fish from Batavia	— 449	
— Farther intelligence relating to the jaculator fish	LIV 89	
SCHOTTE, J. P. M. D. Remarks on the country of Senegambia, with a journal of the weather during the prevalence of a very fatal putrid disorder	LVI 186	
SCILLA, AGOSTINO. Account of petrified marine bodies found in different parts of the earth	LXX 478	
SCOTT, J. Account of a remarkable imperfection of sight	XIX 117	
SEBA, ALBERTUS. Account of the cinnamon tree	LXVIII 611	
— The anatomical preparation of vegetables	XXXVI 106	VI 2 321
SEDDON, — Account of an earthquake felt at Warrington, Lancashire, April 2, 1750	— 441	— - 338
SEDILEAU, —. Observations on the eclipse of the Sun, July 12, 1684, at Paris	XLVI 695	X 511
SEEHL, EPHRAIM RINHOLD. Easy method of procuring the volatile acid of sulphur	XIV 715	1 292
SEGNER, JOHN ANDREW, M. D. Description of a machine to represent eclipses of the earth	XLIII 1	XI 1226
	XLI 781	VIII 157
		SEGNER,

	Transf.	Abridg.
SEIP, JOHN PHILIP, M. D. Relation of a stone quarry at Pyrmont, from which a sulphureous smoke issues, like the cave at Naples, called The Grotto of Dogs - -	XL 266	VIII 655
SELLERS, JOHN. Answer to some magnetical enquiries - -	II 478	II 601
— Observations on the transit of Venus, June 3, 1769, at Norriton in Philadelphia	LIX 289	
SENCKENBERG, CONRAD HIERONYMUS. An examination of the Chilternham mineral waters, which may serve as a method in general for examining mineral waters -	XLI 830	VIII 650
SENEC, JOHN. A contrivance to make the poles of the diurnal motion, in a celestial globe, pass round the poles of the ecliptic	XI. 203	— 217
SENEC, Mrs. Account of the large globes prepared by her late husband, and now sold by herself	XLVI 290	X 158
SEPTALIUS, MANFREDUS. Observations on quicksilver found at the roots of plants	II 493	II 425
— Observations on shells found on inland mountains - -	— —	— —
SHADWELL, Sir JOHN, M. D. Account of an extraordinary skeleton - -	XLI 820	IX 247
SHARP, ABRAHAM. Account of an eclipse of the Sun, May 12, 1706, at Herton, Yorkshire - -	XXV 2239	IV 251
SHARP, SAMUEL. A new method of opening the cornea, in order to extract the crystalline humour - -	XLVIII 161	
— Second account - -	— 322	
— On the use of agaric in stopping hæmorrhages	— 588	
SHARP, WILLIAM. An account of a new-invented instrument for fractured legs -	LVII 80	
SHAW, Rev. THOMAS. A geographical description and map of the kingdom of Tunis, with a postscript relating to the cure of intermittent fevers in those parts - -	XXXVI 177	{ VI 423 VII 640
SHEERMAN, BAZALEEL. Three extraordinary cases in surgery - -	XLI 138	IX 253
SHELDRAKE, TIMOTHY. Case of a monstrous child born of a woman under sentence of transportation - -	— 341	— 313
— Description and use of the steel yard balance spring - -	XLII 20	— 499
SHEPHEARD, SAMUEL. Account of two explosions in the air in Essex - -	XLI 288	VIII 526

	Transf.	Abridg.
SHERARD, WILLIAM. The way of making several China varnishes sent from the Jesuits in China to the Great Duke of Tuscany	XXII 525	I 602
— An account of a new island raised near Saint Erini, in the Archipelago	XXVI 67	V 2 196
— Account of the poison tree wood	XXXI 147	VI 2 308
SHERMAN, B. Case of a coftive person	XXIV 2111	V 273
— Case of a callus that supplied the place of the os femoris	XXVI 450	— 54
— On the bones of a fœtus taken out of the uterus of a cow	— —	— —
SHERWOOD, NOAH. Case of some remarkable stones taken out of the kidneys	XLI 610	IX 502
— On the minute eels in pafte being viviparous	XLIV 67	XI 799
SHERVINGTON, WILLIAM. Account of the transit of Mercury over the Sun, May 6, 1753, as observed at the island of Antigua	XLVIII 318	
SHIPTON, JOHN. Observations on part of the intestine of a dog unsuccessfully cut away	XXII 1299	V 275
— On the use of the Peruvian bark in a gangrene	XXXVII 434	VII 647
SHIRLEY, THOMAS. The description of a well and earth in Lancashire taking fire by a candle approached to it	II 482	III 149
SHORT, JAMES. Observations on the eclipse of the Sun, Aug. 4, 1738, at London	XLI 91	VIII 153
— Account of an aurora borealis at Edinburgh	— 368	— 552
— — of lights in the air, Dec. 5, 1737, at Edinburgh	— 605	— 538
— Account of several meteors	— 625	— 518
— Observations of an eclipse of the Sun, Dec. 19, 1739	— 633	— 172
— Observations on the planet Venus	— 646	— 208
— Case of an extraordinary dropsy	XLII 223	IX 150
— Observations on an eclipse of the Sun, July 14, 1748	XLV 582	X 96
— Description and use of an equatorial telescope	XLVI 241	— 154
— Observations on an eclipse of the Moon, June 8, 1750, at London	— 523	— 92
— — Dec. 2, 1750	— 575	— 94
— Account of a remarkable appearance in the Moon, April 22, 1751	XLVII 164	
— Account of an eclipse of the Moon, November 21, 1751	— 317	
— Account of an horizontal top	— 352	
— On the inventor of the contrivance in the		

	Transf.	Abridg.
pendulum of a clock to prevent the irregularity of its motion by heat and cold		
SHORT, JAMES. Letter concerning a paper of Servington Savery, relating to his invention of a new micrometer	XLVII 517	
— A description of a new instrument for taking small angles	XLVIII 165	
— Observations on the transit of Mercury over the Sun, May 6, 1753	— 178	
— Letters relating to a theorem of Mr. Euler for correcting the aberrations in the object glasses of refracting telescopes	— 192	
— Astronomical observations made in London	— 287	
— Account of M. Baron's observations on the late transit of Mercury made at Paris	— 301	
— Observations on the comet of Jan. 1760	— 361	
— Account of the eclipse of the Moon, November 22, 1760	Li 465	
— Observations on the transit of Venus, June 6, 1761, at London	— 936	
— On Mr. Mafon's paper concerning the going of Mr. Ellicot's clock at St. Helena	LII 178	
— Observations on an eclipse of the Moon, May 8 1762	— 540	
— The observation, on the internal contact of Venus with the Sun's limb, on the late transit, made in the different parts of Europe, compared with the time of the same contact observed at the Cape of Good Hope, and the parallax of the Sun thence determined	— 542	
— The difference of longitude between the Royal Observatories of Greenwich and Paris, determined by the observations of the transits of Mercury over the Sun in 1723, 1736, 1743 and 1753	— 611	
— Second paper concerning the parallax of the Sun, determined from the observations of the late transit of Venus	LIII 158	
— Observations on the eclipse of the Sun, April 1 1764	— 300	
— Observations on the cold of 1740, and 1768	LIV 107	
— A method of working the object glasses of telescopes truly spherical	LVIII 55	
SHORT, THOMAS, M. D. Case of an extraordinary impostumation of the liver	LIX 507	
SHUCKBURGH, Sir GEORGE. Observations made in	XXXVII 184	VII 506

	Transf.	Abridg.
Savoy, in order to ascertain the height of mountains, by means of the barometer, being an examination of Mr. de Luc's rules, delivered in his "Recherches sur les Modifications de l'Atmosphere"		
SHUCKBURGH, Sir GEORGE. Comparison between Sir George Shuckburgh and Colonel Roy's rules for the measurement of heights with the barometer	LXVII 513	
— On the variation of the temperature of boiling water	LXVIII 681	
SHULDHAM, MOLYNEUX. Account of the sea cow, and the use made of it	LXIX 362	
SIBBALD, Sir ROBERT. Account of several shells observed in Scotland	LXV 249	II 325
— Account of several stones voided by a boy	XIX 321	III 685
— Account of some stones and plants lately found in Scotland	XX 264	— 154
— Description of the pediculus ceti	XXII 693	
— Letter concerning a second volume of his Prodromus hiftoriæ naturalis Scotiæ	XXV 2314	V 25
SIGORGNE, PIERRE DE. Demonstration of the impossibility and insufficiency of vortices	— —	— —
SILVABELLE, Sir JAMES. A treatise on the precession of the equinoxes, and in general on the motion of the nodes, and the alteration of the inclination of the orbit of a planet to the ecliptic	XLI 409	VIII 378
SILVESTRE, PETER, M. D. The state of learning, and several particulars observed by him lately, in Italy		
— Dissection of a woman who died in child-bed	XLVIII 385	
SIMMONS, SAMUEL FOART, M. D. Case of a patient voiding stones through a fistulous sore in the loins, without any concomitant discharge of the urine by the same passage	XXII 627	III 603
	— 787	V 303
SIMON, JAMES. Case of the bones of a fœtus voided per anum	LXIV 108	
— Account of some fossils found in Ireland	XLIII 529	XI 1016
— On the petrifications of Lough Neagh	— —	X 670
— Account of the barometer and state of the weather at Dublin, from March 7, 1752, to Feb. 28, 1753	XLIV 305	— 616
— Journal of the weather at Dublin, 1753, 1754, 1755	XLVIII 320	
SINON, STUCKEY. On the reviviscence of snails which	XLIX 759	

	Transf.	Abridg.
had been preserved for many years in his cabinet	LIV 432	
SIMPSON, THOMAS. On the motion of projectiles near the earth's surface	XLV 137	VI 196
— Of the fluents of multinomials, and series affected by radical signs, which do not begin to converge till after the second term	— 328	X 1
— An investigation of a general rule for the resolution of isoperimetrical problems of all orders	XLIX 4	
— On the advantage of taking the mean of a number of astronomical observations	— 82	
— A resolution of a general proposition for determining the horary alteration of the terrestrial equator, from the attraction of the Sun and Moon: with some remarks on the solutions given by other authors to that difficult and important problem	L 416	
— A further attempt to facilitate the resolution of isoperimetrical problems	— 623	
— An invention of a general method for determining the sum of every 2d, 3d, 4th, and 5th, &c. term of a series, taken in order, the sum of the whole being known	— 757	
SIMSON, ROBERT. An explication of an obscure passage in Albert Girard's commentary upon Stevin's works	XLVIII 368	
— Pappus of Alexandria's two general propositions restored	XXXII 330	VI 76
SISLEY, JOHN. Account of a stone or calculus making its way through the scrotum	XLI 351	IX 176
SKELTON, Rev. PHILIP. Account of the Cornish caterpillar	XLV 281	
SKIPFON, Sir PHILIP. Case of the bones of an human foetus voided through an imposthume in the groin	XXIV 2077	V 306
SLADE, —. Account of an earthquake, Feb. 8. 1749-50, at Plymouth	XLVI 694	
SLARE, FRANCIS, M. D. Account of the murre in Switzerland	XIII 94	II 870
— An account of some experiments made before the Royal Society, with short applications of them to physical matters:		
I. A parallel between lightning and phosphorus:		
II. By mixing two liquors actually cold to produce such sparkling and fiery bodies as are not only visible in the dark, but at noon-day in the enlightened air:		

	Transf.	Abridg.
III. By the addition of an oil to the foregoing mixture to produce a flame :		
IV. A refutation of Boerhaave's experiment that pretends to ascension :		
V. A new experiment with ebullition and incalcescence :		
VI. Of cold produced by ebullition, giving some account of hysterical paroxysms :		
VII. Of cold produced by very great ebullition, wherein the cold and hot fits of an ague are resembled by a mixture of liquors		III 350
SLARE, FRANCIS, M. D. Answer to Sir John Hottkins's queries on the calculus	XIII 289	352
— Account of two human calculi of unusual form and bigness	XIV 523	— 178
— Examen of stones taken out of a woman at Burnet	— 534	— 177
— Account of a ruminating man	XVI 140, 145	— 110
— An experiment of a change of colour from a pale, transparent, and clear liquor, to a blue and cerulous one, by the admission of air only	XVII 525	— 898
— Experiments on the production of fire and flame, together with an explosion made by a mixture of two liquors actually cold	— 898	— 359
— An examen of the chalybeate, or Spa waters called by the Germans acid, or sour brunns, or fountains ; but proved to be alkalis	XVIII 201	— 359
— Case of a person who had a new set of teeth after 80 years, with some observations on the virtues of sugar	XXVIII 247	IV 2 198
— On the nature and virtues of Pyrmont waters	— 273	V 353
SLOANE, Sir HANS, M. D. Description of the cortex winteranus, or wild cinnamon tree	XXX 564	IV 2 201
— Description of the Pimienta, or the Jamaica pepper tree	XVII 462	II 663
— Account of two plants from the Cape of Good Hope	— —	— —
— Strange effects from eating dog mercury, with remarks	— 664	— 672
— Account of the true cortex winteranus, and the tree that bears it	— 875	— 640
— Account of the coffee shrub	— 922	— 666
— Account of a feather of a bird cunctur from Chili	XVIII 61	— 659
— Account of three earthquakes, October 20,	— —	— 860

	Transf.	Abridg.
1687, at Peru, February 18, 1687-8, and June 7, 1692, in Jamaica	XVIII 78	
SLOANE, Sir HANS. Case of a person who swallowed a knife, which lay in his stomach a year and 7 months, and then worked out at an apothem on his breast	XIX 180	II 91
— Account of four sorts of strange beans frequently cast on shore on the Orkney islands	— 298	III 540
— Account of the tongue of a <i>pastinaca marina</i> , frequent in the seas about Jamaica, and lately dug up in Maryland and England	— 674	II 431
— On the cure of the bitings of mad creatures, with remarks	XX 49	III 284
— On the use of <i>ipecacuanha</i> in loosenesses	— 69	— 114
— Account of a China cabinet	{ — 461	II 252,
— Some wonderfull contrivances in some plants to propagate their species	{ XXI 44, 70	646 }
— Case of an odd kind of dropsy	— 113	— 669,
— Remarks on a disease occasioned by swallowing pebble stones	— 150	749 }
— On the fossils of Reculver cliff	— 190	III 207
— Instances of persons hurt by swallowing plumb stones	XXII 762	— 92
— Answer to the Earl of Cromartie's account of mosses in Scotland	XXIII 1283	IV 461
— Account of a pair of extraordinary large horns found in Wapping	XXVII 302	V 264
— Account of elephants teeth and bones found underground	XXXIV 222	IV 2 256
— De sciuro volante, five mure pontico aut scythio Gesneri & vespertilionis admirabili Bontii dissertatio	XXXV 457,	VII 441
— Symptoms on eating the seed of henbane, with the cure	497	VI 2 205,
— Conjectures on the charming or fascinating power of the rattle snake	XXXVIII 32	211
— Answer to the Marq. of Caumont's account of an extraordinary stone	— 99	IX -6
— On the discovery of the remains of a city under ground, near Naples	— 321	VIII 841
— Observations on substance voided by the urinary passages	XL 374	IX 55
— A description of a curious sea-plant, <i>frutex marinus flabelliformis cortice verrucoso obductus</i> Doodii. Raii Hist. Tom. III, p. 7, et Synops.	XLI 345	— 174
	— 699	— 440
		— 180

	Transf.	Abridg.
edit. 3, p. 32. <i>Coralloides granulosa alba</i> ; J. B. Tom. III. p. 809, <i>Erica marina alba</i> <i>frutescens</i> . Mus. l'et. 50. <i>Keratophyton fla-</i> <i>belliforme</i> , cortice verrucoso obductum. Raii Syn. edit. 3, p. 32 -	XLIV 51	X 706
— Account of the <i>pietra del mombozza</i> , or rhinoceros stone -	XLVI 118	XI 910
— Report on M. Canton's method of making artificial magnets -	XLVII 31	
— Account of inoculation in 1736 -	XLIX 516	
SLUSIUS, RENATUS FRANCIS. Short and easy method of drawing tangents to all geometrical curves -	VII 5143	I 18
— Demonstration of the short and easy method, &c. -	VIII 6059 — 6119, 6139	— 21 — 172 — 174
— On the optic problem of Alhazen -		
SMALL, ALEXANDER. Addition to Dr. Cleghorn's account of Minorca -	LXVI 439	
SMEATON, JOHN. Account of Dr. Knight's improvements of the mariners compass -	XLVI 513	X 693
— Some improvements in the air pump -	XLVII 415	
— An engine for raising water by fire; being an improvement on Savery's construction, to render it capable of working itself: invented by M. de Moura, of Portugal -	— 436	
— Description of a new tackle, or combination of pullies -	— 494	
— Experiments upon a machine for measuring the way of a ship at sea -	XLVIII 532	
— Description of a new pyrometer -	— 598	
— The effects of lightning on the steeple and church of Lestwithiel in Cornwall, Jan. 25, 1757	L 198	
— Remarks on the different temperature of the air at Eddystone lighthouse, and at Plymouth between the 7th and 14th of July, 1757	LI 488	
— Experimental enquiry concerning the natural powers of water and wind, to turn mills and other machines depending on a circular motion -	— 100	
— On the menstrual parallax arising from the mutual gravitation of the earth and moon, its influence on the observation of the Sun and planets, with a method of observing it	LVIII 156	
— Description of a new method of observing the heavenly bodies out of the meridian -	— 170	
— Observations on a solar eclipse, June 4, 1760, at Aulthorpe, near Leeds, Yorkshire	LIX 286	

SMEATON,

	Transf.	Abridg.
SMEATON, JOHN. Description of a new hygrometer	LXI 198	
— An experimental examination of the quantity and proportion of mechanical power, necessary to be employed in giving different degrees of velocity to heavy bodies from a state of rest	LXVI 450	
SMETHURST, —. Account of the shwan pan, or Chinese account table	XLVI 22	X 13
SMETHWICK, FRANCIS. Of an invention of grinding optick and burning glasses of a figure not spherical	III 631	I 194
— Observations on an eclipse of the Sun, Jan. 1, 1676	XI 637	— 284
SMITH, CALEB. A new method of improving and perfecting catadioptrical telescopes by forming the speculum of glass instead of metal	XLI 326	VIII 113
SMITH, EDWARD. Account of a strange kind of earth taken up near Smyrna, of which soap is made, together with the way of making it	XIX 228	II 457
SMITH, ROBERT. A hepatitis, with unfavourable symptoms, successfully treated	LVI 92	
SMITH, THOMAS, D. D. Historical observations relating to Constantinople	XIII 335	III 465
— Continuation	XIV 431	— 473
— Account of the city of Prusa, in Bithynia	— 431	—
— A conjecture about an under current at the Strait's mouth	— 564	II 288
— Journal of a voyage from London to Constantinople, 1668	XIX 597	
SMITH, WILLIAM. Account of an earthquake, Sept. 30, 1750, at Peterborough	XLVI 727	X 524
— Account of a fire ball, July 22, 1750	XLVII 1	
— Observations on the transit of Venus over the Sun's disk, at Norriton in Pennsylvania, Jan. 3, 1769	LIX 289	
— Observations on the transit of Mercury, Nov. 9, 1769, at Norriton	LX 504	
SMITHSON, RICHARD. Account of a passage by sea to the East Indies	IV 1003	III 416
SMYTH, EDWARD. Answer to some queries concerning Lough Neagh	XV 1108	II 324
— On the use of opium amongst the Turks	XIX 288	— 643
SOLANDER, DANIEL, M. D. Account of the Gardenia	LII 654	
SON, M. DU. A way to break easily and speedily the hardest rocks	I 82	— 367
— Of M. Hevelius's promise of imparting to the world his invention of making optick glasses;		

	Transf.	Abridg.
and of the hopes given by M. Hugen of Zulichem, to perform something of the like nature, as also of the expectations conceived of some persons in England to improve telescopes - - -	I 98	I 193
SOUTH, Capt. Account of the houses and hearths in Dublin - - -	XXII 518	III 666
— A list of seamen of Ireland, 1697 - - -	— 519	—
— An account of the number of people in the counties of Ardmagh, Lowth, and Meath, and the city of Dublin; with an estimate of the number of people in the kingdom of Ireland 1695-6 - - -	— 520	—
— Account of the Romish clergy in Ireland, according to the return made, 1698 - - -	— 521	— 667
SOUTHWELL, Sir ROBERT. Description of Pen-Park-Hole in Gloucestershire - - -	XIII 2	II 370
— The method of dressing buck and doe skin, by the Indians of Virginia and Carolina - - -	XVII 533	— 825
— Account of the damage that happened in the isle of Portland, Feb. 3, 1695-6 - - -	XLIX 660	III 649 II 623
— Experiments for preserving flowers, fruits, &c. - - -	XX 42	750
— Account of a calf with two heads - - -	— 79	— 899
— Experiments of giving variety of tinctures to water - - -	— 87	III 656
— Method to give iron the colour and tincture of copper - - -	— 296	— 657
— A way of gilding gold upon silver - - -	— —	— —
— Some philosophical experiments - - -	— 363	I 214
SOUTHWELL, ROBERT, Esq. Account of some extraordinary echoes - - -	XLIV 219	X 246
SPARRMAN, ANDREAS, M. D. Description of a new species of cuckow - - -	LXVII 38	—
— Account of a journey into Africa from the Cape of Good Hope - - -	— —	—
SPENCE, JOSEPH. Account of some antiquities at Herculaneum - - -	XLVIII 486	—
SPOTTSWOOD, ———. Catalogue of plants growing within the fortifications of Tangier, 1673 - - -	XIX 239	II 752
SPRENGELL, CONRAD JOACHIM, M. D. Observations upon vipers - - -	XXXII 296	VII 409
— Bills of Mortality of several considerable towns in Europe, from Christmas 1716, to Christmas 1717 - - -	— 454 XXXIII 24	— 4 46
— Observations on Eaton's styptic - - -	— 108	VII 563
		SPRENGELL,

	Transf.	Abridg.
SPRENGELL, CONRAD JOACHIM, M. D. Account of the Bills of Mortality, 1722 and 1723	XXXV 365	VII 4 60
— Account of the plica Polonica	XXXVII 51	
— Observations on the Bills of Mortality of Dresden, from 1617 to 1717	XXXVIII 89	IX 318
— Observations on the Bills of Mortality of Augsbarg, from 1501 to 1720	— 94	— 322
SPROULE, GEORGE. Observations on the immer- sions and emerfions of the fatellites of Jupiter, 1768	LXIV 177	
SPRY, EDWARD, M. D. Cafe of a morbid eye	XLIX 18	
— Cafe of a man who died of the effects of the fire at Eddyfton lighthouse by melted lead running down his throat	— 477	
— A new improvement of the portable baro- meter	LV 83	
— Cafe of a locked jaw and paralyfis cured by electricity	LVII 88	
SQUIRE, SAMUEL. The cafe of Henry Axford, who recovered the ufe of his tongue, after having been four years dumb, by means of a frightful dream	XLV 148	XI 958
STACK, THOMAS, M. D. Account of a woman 63 years of age who gave fuck to two of her grand children	XLI 140	IX 206
STACKHOUSE, HUGH. Account of the scarabæus galeatus pullator, or death-watch	XXXIII 159	VII 407
STACKHOUSE, Rev. THOMAS. Extract from a topo- graphical account of Bridgenorth in Salop	XLII 127	VIII 347
STAFFORD, RICHARD. Account of the whales at Bermudas, and of spermaceti	III 792	II 268
— Account of ftrange fpiders webbs at Ber- mudas	— —	— 561
— Account of fome rare plants at Bermudas	— —	— —
— Account of the tides at Bermudas, and of the longevity of the inhabitants	— —	II 268
STANYAN, Captain. Observations of the spots up- on the body of the Sun, in May, June, and July 1704	XXIV 1756	IV 232
— Account of the eclipfe of the Sun, May 12, 1706, at Berne	XXV 2240	— 251
STAR, ———. Account of the morbus frangu- latorius	XLVI 435	XI 959
— Cafe of a horfe bit by a mad dog	— 474	— 913
STEDMAN, JOHN, M. D. Thermometrical obser- vations	XLVII 4	

	Transf.	Abridg.
STEDMAN, JOHN, M. D. The effects of the hyocyamus albus, or white henbane	XLVII 194	
— Of triangles described in circles, and about them	LXV 296	
— Of the wind requisite to move the heavier kind of wind machines	LXVII 493	
STEELE, JOSHUA. Account of a musical instrument brought from the isle of Amsterdam in the South seas, by Captain Fourneau, 1774	LXV 67	
— Remarks on a larger system of reed pipes from the isle of Amsterdam, with some observations on the nose flute of Otaheite	— 72	
STEIGERTHALL, JOHN GEORGE, M. D. Two remarkable cases in surgery	XXXI 79	VII 665
— Case of a fœtus that continued 46 years in the mother's belly	— 126	— 554
— Case of a particular nævus maternus or mole	XXXIII 347	— 485
— Description of the cereus peruvianus, which flowered at Norimberg in 1730	XXXVI 462	VI 2 330
— Account of the narhual or unicorn fish lately taken in the river Ost, Duchy of Bremen	XL 147	IX 71
STEHLIN, M. DE. Account of a specimen of native iron	LXIV 461	
STENO, NICHOLAS. On the mistake of salamanders living in fire	I 377	II 816
STEPHENS, JOHN. Account of flames arising out of the earth in Dorsetshire	LII 119	
STEPHENS, WILLIAM. The latitude of Madras in the East Indies, deduced from observations	LXIX 182	
STEPLIN, JOSEPH. Account of an agitation of the waters at Toplitz in Bohemia	XLIX 395	
STEVENSON, WILLIAM. Observations on an eclipse of the Moon, July 29, 1729, at Barbadoes	XXXVI 440	
— Account of an agitation of the waters, Nov. 1, 1755, at Edinburgh	XLIX 387	
STEWART, REV. THOMAS. Account of the virtues of the star of the earth, coronopus or buckshorn plaintain, in the cure of the bite of a mad dog	XL 449	VIII 83
STEWART, JOHN. Account of the kingdom of Thibet	LXVII 465	
STILES, Sir FRANCIS HASKINS EYLES. An explanation of the modes or tones in the ancient Grecian music	LI 695	

	Transf.	Abridg.
STILES, Sir FRANCIS HASKINS EYLES. An account of a specimen of the labour of a kind of bees, which lay up their young in cafes of leaves, which they bury in rotten wood	LI 844	
— Two accounts of an eruption of Mount Vesuvius, Dec. 23, 1760	LII 39, 41	
— Account of some new microscopes made at Naples, and their use in viewing the smallest objects	LV 246	
— Microscopical observations on the human blood	— 252	
— On the sexes of plants, and the impregnation of vegetables	— 258	
STIRLING, JAMES. The Newtonian method of difference illustrated	XXX 1050	IV 141
— Of the figure of the earth, and the variation of the gravity of the surface	XXXIX 98	VIII 324
— Description of a machine to blow fire by the fall of water	XLIII 315	X 205
STIRLING, Rev. JAMES. Account of a remarkable darkness at Detroit in America, October 19, 1762	LIII 63	
STONE, EDMUND. Account of two species of lines of the third order, not mentioned by Sir Isaac Newton, or Mr. Stirling	XLI 218	VIII 72
STONE, Rev. EDMUND. Account of the success of the bark of the willow in the cure of agues	LIII 195	
STOQUELER, ———. Observations on the earthquake at Lisbon, Nov 1, 1755, at Colares, within 20 miles of Lisbon	XLIX 413	
STORKE, LEONARD, M. D. Observations concerning the falling dew, made at Middleburg in Zeeland in the night, between the 25th and 26th of July, 1741, with the figures of the fleeces of snow, observed at the same place, Jan. 1742	XLII 112	— 502
STOVIN, G. Account of an antique shoe found in the isle of Axholm, Lincolnshire	XLIV 571	XI 1326
— Account of the body of a woman found in a morass, in the isle of Axholm in Lincolnshire	— —	
STRACHAN, ———. Account of the taking and taming of elephants in Zeylon	XXIII 1051	V 2 176
— Method of catching fowl and deer in Ceilan, with an account of the cinnamon	— 1094	— 179
— An account of the serpents in the island of Ceilan	— —	— —
— Account of the ant bear of Ceilan	— —	— —

	Transl.	Abridg.
STRACHAN, —. Observations on the planting and culture of tobacco in Ceilan -	XXIII 1134	IV 2 312
— Some observations on coral, large oysters, rubies, the growing of a sort of ficus Indica, the gods of the Ceylinese, &c. made in Ceilan -	— 1248	V 2 181
STRACHEY, JOHN. Account of the strata in the coal mines of Mendip, Somersetshire -	XXX 968	IV 2 260
— On the strata of coal mines -	XXXI.1 395	VI 2 222
STRANGE, JOHN. On the origin of natural paper, found near Cortona in Tuscany -	LIX 50	
— An account of several Roman sepulchral inscriptions and figures in bas relief, discovered in 1755, at Bonn, in Lower Germany -	— 195	
— Account of some specimens of sponges from Italy -	LX 179	
— An account of two Giants Causeways, or groups of prismatic basaltine columns, and other curious volcanic concretions, in the Venetian state in Italy, with some remarks on the characters of these and other similar bodies, and of the physical geography of the countries in which they are found -	LXV 5	
— An account of a curious Giant's Causeway, or group of angular columns, newly discovered in the Euganean hills near Padua in Italy -	— 418	
— Account of the tides in the Adriatic -	LXVII 144	
STREET, —. Observations on the eclipse of the Moon, Sept. 8, 1671, at London -	VI 2272	I 306
STRUYCK, NICHOLAS. Paths of 19 comets, according to the hypothesis which makes them describe a parabola about the Sun -	XLVI 89	X 117
STUART, ALEXANDER, M. D. Account of some water-spouts observed in the Mediterranean -	XXIII 1077	IV 2 103
— Explanation of the figures of a Pagan temple, and some unknown characters at Cannara in Salter -	XXVI 372	V 2 60
— An essay on the use of the bile in the animal œconomy, founded on an observation of a wound in the gall bladder -	XXXVI 341	VII 572
— Experiments to prove the existence of a fluid in the nerves -	XXXVII 327	— 585
— On the use of the bile in the animal œconomy -	XXXVIII 5	IX 195
— Observations on a white liquor resembling milk which appeared instead of serum separated from the blood after it had stood some time -	XXXIX 289	— 193
— Observations on the case of M. le Grange -	XL 325	— 146
— On the muscular structure of the heart -	XLI 675	— 131

	Transf.	Abridg.
STUBBE, HENRY, M. D. Observations made by a curious and learned person sailing from England to the Caribbee islands -	II 494	III 546
— With an enlargement of the observations	III 699	— 551
— Other observations on the same voyage	— 717	— 557
STUKELEY, Rev. WILLIAM, D. D. An account of the impreffion of the almost entire skeleton of a large animal, in a very hard stone, found at Elfton, near Newark, Nottinghamshire	XXX 963	IV 2 272
— A description of a Roman pavement found near Grantham in Lincolnshire, with the oconomy of the Roman times in this part of England	XXXV 428	VII 4 29
— Copy of a Roman infcription found at Bath	XLV 409	XI 1272
— Account of an antient shrine formerly belonging to the abbey of Croyland -	— 579	— 1313
— Explanation of a bas-relief of Mithras found at York - -	XLVI 214	— 1311
— On the causes of earthquakes -	— 641	
Continued - -	— 657	X 529
— On the philosophy of earthquakes -	— 731	— 541
— An account of a fire-ball feen in the air, July 22, 1750 -	XLVII 1	
— Account of the eclipse predicted by Thales	XLVIII 221	
STURDIE, JOHN. Extracts of some letters concerning iron ore, and more particularly of the hæmatites, wrought into iron at Milthorpe forge in Lancashire -	XVII 695	II 551
STURMY, SAMUEL. Observations made in the road near Bristol, in answer to some queries concerning the tides -	III 813	— 265
SUAREZ, ———. Astronomical observations at Paraguay - -	XLVI 8	X 123
SUPERVILLE, DANIEL DE, M. D. Observations on generation, and on monsters, with a description of some particular monsters -	XLI 294	IX 304
SUPPLE, RICHARD. An account of an eruption of Mount Vesuvius, 1751 -	XLVII 315	
SUTTON, ———. An account of an invention and method of changing the air in the hold, and other close parts of a ship -	XLII 42	VIII 601
SWAMMERDAM, JOHN. An account of some animals that having lungs are yet without the arterious vein; together with some other curious particulars -	VIII 6040	III 250
— Case of an unusual rupture of the Mesentery	X 173	— 118
SWIFT, WILLIAM. Electrical experiments -	LXVIII 155	

	Transf.	Abridg.
SWIFT, WILLIAM. Electrical experiments	LXIX 454	
SWINDEN, J. H. VAN. Observations on the intense cold in the month of January 1767-8, and November 1770, at Franeker	LXIII 89	
SWINTON, REV. JOHN, D. D. An explication of all the inscriptions in the Palmyrene language and character hitherto published	XLVIII 690	
— A dissertation upon a Parthian coin, with characters on the reverse resembling those of the Palmyrenes	XLIX 593	
— Remarks on a Parthian coin, with a Greek and Parthian legend	L 175	
— A dissertation upon the Phœnician numeral characters antiently used at Sidon	— 791	
— Conjectures on an inedited Parthian coin	LI 680	
— Some observations upon a Samnite-Etruscan coin, never before fully explained	— 853	
— A dissertation upon a Samnite denarius	LII 28	
— Account of an anthelium seen at Witemberg, Jan. 17, 18, 1738	— 94	
— An account of a remarkable meteor seen at Oxford, Sept. 21, 1760	— 99	
— An attempt to explain a Punic inscription lately discovered in the island of Malta	LIII 274	
— Observations upon two antient Etruscan coins never before illustrated or explained	LIV 99	
— Some remarks upon the first part of M. l'Abbé Barthelemy's memoir on the Phœnician letters, relative to the inscription in the island of Malta	— 119	
— Account of a remarkable meteor seen at Oxford, March 5, 1764	— 326	
— An account of a remarkable meteor seen at Oxford, April 28, 1764	— 332	
— Further remarks upon M. l'Abbé Barthelemy's memoir on the Phœnician letters, containing his reflections on certain Phœnician monuments, and the alphabets resulting from them	— 393	
— Remarks on the Palmyrene inscription at Teive	LVI 4	
— An account of an unedited coin of the Empreſs Crispina	— 27	
— Description of two Parthian coins, never hitherto published	— 296	
— Description of a meteor seen at Oxford, Oct. 12, 1766	LVII 108	
— Some observations on swarms of gnats, particularly one seen at Oxford, August 29, 1766	— III	

	Transf.	Abridg.
SWINTON, REV. JOHN, D. D. An attempt to interpret the legend and inscription of a very curious Phœnician medal, never hitherto explained		
— Further remarks upon a denarius of the Veturian family, with an Etruscan inscription on the reverse	LVII 266	
— Interpretation of the inscription on a Punic coin, struck in the isle of Gozo	LVIII 22	
— Elucidation of an Etruscan coin of Pœstum in Lucania, emitted from the mint there about the time of the social war	— 235	
— Remarks upon a denarius of the Veturian family, with an Etruscan inscription on the reverse	— 246	
— Description of a Punic coin appertaining to the isle of Gozo, hitherto attributed to that of Malta	— 253	
— Observations on an inedited coin, adorned with two Punic characters on the reverse	— 261	
— Observations on two auroræ boreales, Aug. 6, and Dec. 5, 1768	— 265	
— An attempt to elucidate two Samnite coins, never before fully explained	LIX 367	
— Some observations on an inedited Greek coin of Philistis Queen of Syracuse, Malta, and Gozo, who has been passed over in silence by all the antient writers	— 432	
— An account of an extraordinary meteor seen at Oxford, Oct. 24, 1769	LX 80	
— Explication of an inedited coin, with two legends, in different languages, on the reverse	— 532	
— Remarks upon two Etruscan weights or coins never before published	LXI 78	
— Interpretation of two Punic inscriptions, on the reverse of two Siculo-Punic coins, published by the Prince of Torremuzza, and never hitherto explained	— 82	
— Observations on five antient Persian coins, struck in Palestine, or Phœnicia, before the dissolution of the Persian empire	— 91	
— An account of a subærated denarius of the Prætorian family, adorned with an Etruscan inscription on the reverse, never before published or explained	— 345	
— Remarks upon a denarius of the Veturian family,	LXII 60	

	Transf.	Abridg.
with an Etruscan inscription on the reverse, formerly considered - - -	LXIII 22	
SWINTON, Rev. JOHN, D. D. Explication of a most remarkable monogram on the reverse of a very antient quinarius, never before published or explained - - -	LXIV 318	
SYMMER, ROBERT. New experiments and observations in electricity - - -	LI 340	
SYMPSON, THOMAS. An account of the remains of a Roman hypocaustum, or sweating-room, discovered under ground at Lincoln, in 1739	XLI 855	IX 455

T.

T. J. Case of a stone found in the gall-bladder of a woman - - -	XVIII 111	III 159
TABOR, JOHN. Account of a tessellated pavement at Bath, and other Roman antiquities, lately discovered at East Bourne in Suffex - - -	XXX 549	V 2 63
— The rest of the treatise concerning the site of the ancient city of Anderida, and other remains of antiquity in the county of Suffex - - -	— 783	— - 71
TAILOR, ROBERT. An account of a great hail storm at Hitchin in Hertfordshire, May 4, 1697 - - -	XIX 577	II 147
TALBOT, Sir GILBERT. A description of a Swedish stone, which affords sulphur, vitriol, allum, and minium - - -	I 375	III 501
TAUBE, H. W. Account of a rupture in the navel - - -	XLIII 50	XI 1027
TAYLOR, BROOKE. Account of the ascent of water between two glass planes - - -	XXVII 538	IV 423
— On the finding of the center of oscillation - - -	XXVIII 11	— 384
— On the motion of a stretched string - - -	— 26	— 391
— An experiment in order to discover the law of magnetical attraction - - -	XXIX 294	IV 2 297
— An attempt towards the improvement of the		

	Transl.	Abridg.
method of approximating, in the extraction of the roots of equations in numbers -	XXX 610	IV 80
TAYLOR, BROOKE. Solution of De Moivre's 15th problem, with the assistance of combinations and infinite series -	— 676, 683	— 130, 135
— A solution of the problem of G. G. Leibnitz lately proposed to the English -	— 695	— 46
— Apology against J. Bernoulli's objections -	— 955	V 244
— Propositions on the parabolic motion of projectiles -	XXXI 151	VI 299
— Some experiments relating to magnetism -	— 204	VI 2 253
— An experiment made to ascertain the proportion of the expansion of the liquor in the thermometer with regard to the degrees of heat -	XXXII 291	— - 49
TAYLOR, JOHN. An explanation of an ancient inscription at Rutchester, upon the Roman wall, 1744 -	XLIV 344	XI 1284
— Account of an earthquake, March 18, 19, 1749-50, felt at Portsmouth -	XLVI 649	X 507
— Observations on two ancient Roman inscriptions discovered at Netherby in Cumberland -	LIII 133	
TAYLOR, ROBERT. Case of a monstrous birth -	XXV 2345	V 309
TAYLOR, SILAS. The way of killing rattle snakes -	I 43	II 373
TAYLOR, WALTER. Account of the irregularities of the tides at Woolwich -	XLIX 526	
TEMPLE, Hon. HENRY. Account of an earthquake at Naples -	XLI 340	VIII 684
TEMPLEMAN, PETER, M. D. Case of a polypus at the heart -	XLIV 285	XI 1021
— Case of a scirrhus tumour of the uterus -	— —	— —
TEMPLER, JOHN. Relation of two hurricanes in Northamptonshire, Oct. 30, 1669, and Oct. 13, 1670 -	VI 2156	II 102
— Observations on glow-worms -	— 2177, 3035	— 760
— On the structure of the lungs -	VII 5031	III 64
— On the motion of the heart of two urchins after their being cut out -	VIII 6016	— 69
— A way of making vines grow to advantage all over the roof of a house -	— —	II 656
— Observations on a pleasant way of catching carp -	— 6066	— 837
TENISON, Rev. EDWARD. The husbandry of Canary seed -	XXVIII 91	IV 2 309
— A representation of the parrhelias seen in Kent, Dec. 19, 1741 -	XLII 46	VIII 515

	Transf.	Abridg.
TENON, WILLIAM. Account of Dr. Papin's new water engine - - -	XV 1254	I 539
TENTZELIUS, WILLIAM ERNEST. Account of the skeleton of an elephant lately dug up at Tonna - - -	XIX 757	II 438
THOMAS, ALBERT. Specimens of fossils at one guinea a set - - -	XXVI 77	IV 2 286
THOMAS, DAVID. Observations on a monstrous calf - - -	I 20	II 899
THOMLINSON, REV.—. Account of an agitation of the water at Rochford, Essex, Nov. 1, 1755 - - -	XLIX 364	
THOMLINSON, THOMAS. Account of the effects of a storm at Wigton in Cumberland - - -	L 194	
THORESBY, RALPH. Account of a Roman pottery near Leeds, Yorkshire - - -	XIX 319	III 418
— An account of two Roman altars lately found in the North of England, with notes by Thomas Gale - - -	— 663	— 424
— Account of some Roman antiquities found in Yorkshire - - -	— 738	— 421
— Account of a Roman shield - - -	XX 205	
— Account of some Roman antiquities found in Yorkshire - - -	— 310	II 179,
— An account of a young man killed by thunder and lightning, Dec. 22, 1698 - - -	XXI 51	836
— Account of the cures done by Mr. Greatrix the stroker - - -	— 332	— 11
— Account of an accident by thunder and lightning at Leeds, April 27, 1700 - - -	XXII 507	IV 2 274
— Observables in his museum - - -	XXIII 1070	V 2 220
— Account of some Roman coins and other matters lately observed in Lincolnshire - - -	— 1158	IV 2 246
— Account of the vestigia of a Roman town near Leeds in Yorkshire - - -	— 1285	V 2 37
— Account of an earthquake which happened in some places of the North of England, 18th of December, 1703 - - -	XXIV 1555	IV 2 210
— Case of a ball voided by stool - - -	— 1595	V 281
— Account of a leaden coffin taken out of a Roman burying place near York - - -	— 1864	V 2 41
— Account of pewter money coined in Ireland by the late King James - - -	— 1875	— 31
— A calculation for finding Easter - - -	— 1901	— 27
— Account of some Swedish coins - - -	—	— 30
— Account of some Norman coins found near York - - -	— 2127	—

THO

THU

	Transf.	
THORESBY, RALPH. Account of a Roman inscription found at York	XXIV 2145	33
— An account of some Roman coins found at Clifton, near Edlington, Yorkshire	— 2149	— 34
— Case of a large ball voided by stool	— 2164	V 365
— Account of some Roman inscriptions found at York, proving that the ninth legion some time resided there	XXV 2194	V 2 41
— — of an eruption of waters in Craven	— 2236	IV 2 192
— — of some Roman coins found in Yorkshire	XXVI 134	V 2 32
— — of a storm of thunder and lightning, and rain at Leeds, and of some Roman antiquities found in Yorkshire, August 5. 1708	— 289	— - 40
— — of some Roman antiquities found in Yorkshire	— 314	— - -
— An account of a lunar rainbow seen in Derbyshire, 1710-11	XXVII 320	IV 2 131
— — of a storm of thunder and lightning which happened near Leeds in Yorkshire	— —	— - -
— — of a meteor, which was seen in Yorkshire, and other neighbouring countries, May 18, 1710	— 322	— - 134
— — of some brass instruments found in Yorkshire	— 393	— - 98
— — of the damage done by a storm of hail which happened near Rotherham in Yorkshire	— 514	— - 109
— Case of large stones voided per urethram	— 536	V 288
— The effects of a violent shower of rain in Yorkshire, May 18, 1722	XXXII 101	VI 2 58
— Addition to the account of things found underground in Lincolnshire	— 344	VII 4 22
THORNHILL, WILLIAM. Account of the success of agaric in amputations	XLIX 264	
THORNYCROFT, EDWARD. The doctrine of combinations and alternations improved and completed	XXIV 1961	V 60
THORPE, JOHN, M. D. On worms in the needs of sheep	— 1800	V 16
— An account of a great quantity of hydatides found in the abdomen	XXXII 17	
THORPE, JOHN. Account of chestnut trees	LXI 152	
THREAPLAND SAMUEL, M. D. Account of stones voided by siege	XV 961	III 160
THUNBERG, CHARLES PETER, M. D. Account of the bread fruit trees, and the fruit of them	LXIX 462	
— Translation of a short extract from a journal		

	Transf.	Abridg.
kept by C. P. Thunberg, M. D. during his voyage to, and residence in, the empire of Japan		
TILLI, MICHAEL ANGELO. Barometrical altitudes at Pisa in Italy, as also of the rain, winds, heat, cold, &c.	LXXI	
TIMON, EMANUEL. An account or history of the procuring the small pox by incision or inoculation, as it has for some years been practised at Constantinople	XXVI 342	
— Account of the plague at Constantinople	XXIX 72 XXXI 14	V 370 VII 608
TIMMERMAN, ———. An account of an eclipse of the Moon, observed at Moscu in Russia, April 5, 1688, compared with the same observed at Lipsick, whereby the longitude of the former is ascertained, together with the latitude of several principal places in the empire of Russia		I 139, 564
TISSOT, ANDREW, M. D. An account of the disease called Ergot in French, from its supposed cause, viz. vitiated rye	XVII 453	
TOALDO, Abbé JOSEPH. Account of the tides in the Adriatic	LV 106	
TODD, HUGH. An account of a salt spring on the banks of the river Weare, or Ware, in the bishoprick of Durham	LXVII 144	
— An account of some antiquities found at Corbridge, Northumberland	XIV 726	II 351
TOLEDO, ALVAREZ DE. Account of the earthquake at Lima, Oct. 20, 1687	XXVII 291	V 2 47
TOMMAGON PORBO NATA. A relation of the bad condition of the mountains about the Tugaroufe and Batavian rivers, having their source from thence, occasioned by the earthquake between the 4th and 5th of January, 1699, drawn up from the account given by Tommagon Porbo Nata (who hath been there)	XVIII 81	II 410
TONGE, EZEKIEL. Answer to some queries on vegetation	XXII 595	— 419
— Answer to some queries	III 877	— 677
— Promiscuous additions on vegetation	— 880	— 676
— Observations, directions, and inquiries concerning the motion of sap in trees	IV 913	— 678
— Enquiries relating to the bleeding of walnut trees	V 1165	— 683
	— 1196	— 676, 684
		TONGE,

	Transf.	Abridg.
TONGE, EZEKIEL. Some observations concerning the variety of the running of sap in trees, compared with a weather-glass, in April 1760 - - -	V 2070	II 684
— Particulars about retarding the ascent of sap, with other queries relating to that subject - -	— —	— 681
— Further enquiries concerning the running of sap in trees, the keeping of such sap, and brewing with it - - -	— 2074	— —
— A way of colouring leaves, fruits, &c. - -	— —	752
— Method to multiply crab-stocks, and propagate trees by layers - -	— —	— 752
TORKOS, JUSTUS JOHN. Anatomico-medical observations on a monstrous double-bodied child, born October 29, 1701 - -	L 311	
TORRES, IGNATIUS JOSEPH. Case of the heart of a child turned upside down - -	XLI 776	IX 135
— Description of a new microscope, invented by him - - -	LV 252	
TOWNLEY, RICHARD. The invention of dividing a foot into many thousand parts, for mathematical purposes - - -	II 457	I 218
— Description of the instruments for dividing a foot - - -	— 541	II 219
— Observations on an eclipse of the Sun, June 11, 1676 - - -	XI 662	— 287
TOWNLEY, RICHARD. Account of the quantity of rain fallen monthly for several years at Townley in Lancashire - - -	XVIII 51	— 43
— — — — 1697, 1698, with other observations on the weather - -	XXI 47	— 86
— A prospect of the weather, wind, and height of mercury in the barometer on the first day of the month, and of the whole rain in every month in 1703, and beginning of 1704, at Townley in Lancashire - -	XXIV 1877	
TRAVERS, PETER. An instance of the gut ilium, being cut through by a knife and cured - -	L 35	
TREDWAY, ROBERT. Account of a piece of amber-grease thrown on the island of Jamaica - -	XIX 711	— 492
TREMBLEY, ABRAHAM. On the fresh-water poly pus - - -	XLII iii	IX 22
— On several newly discovered species of fresh-water polypi - - -	XLIII 169	
— On the light caused by quicksilver shaken in a glass tube, proceeding from electricity - -	XLIV 58	X 321

	Transf.	Abridg.
TREMDEY, ABRAHAM. Observations on several species of smail water insects of the polypus kind	XLIV 627	XI 807
— Account of an earthquake, Feb. 8, 1749-50, at Harwich	XLVI 610	X 493
— Observations on an earthquake, Nov. 9, 1755, at Geneva	XLIX 438	
— Account of the earthquake on the 14th of November, 1755, in Valais in Swisserland	— 511	
— Remarks on the stones in the country of Nassau, and the territories of Treves and Cologne, resembling those of the Giant's Causeway in Ireland	— 581	
— An account of an earthquake felt at Cologne, Liege, Maeftricht, &c. on the 19th of November, 1756	— 893	
— Account of a slight shock of an earthquake. August 13, 1756, at Turin, and another Nov. 9, 1756, at Genoa	L 58	
— — of a coral, and that it is a mass of animals of the polype kind	— 59	
— — of a bed of marine bodies which crosses the highest mountains which separate Provence from Piedmont; also a rock considerably above the surface of the sea, intirely pierced with pholades, and whether these are evidences of a universal deluge	— 60	
— An account of the state of the thermometer at the Hague, Jan. 9, 1759	L 148	
TRIEWALD, FRANCIS. Queries on the cause of cohesion	XXXVI 39	VI 2 5
— An extraordinary instance of the almost instantaneous freezing of water; and an account of tulips, and such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground	XXXVII 79	— 54
— An improvement of the diving bell	XXXIX 377	VIII 634
— Description of a new invented water bellows	XI. 231	— 272
— Account of the vegetation of melon seed, forty two years old	XLII 115	— 824
TRIPE, NICHOLAS. Account of a body found in a vault in the church of Staverton in Devonshire, intire after being buried upwards of 80 years	XLVII 253	
TROBE, ——— DE LA. Two metcorological		

	Transf.	Abridg.
journals kept at Nain in 57 deg. north latitude, and Okah in 57 deg. 30 m. north latitude, both on the coast of Labrador	—	—
TUCKER, JOSIAH, D. D. An account of a remarkable tide at Bristol, Feb. 11, 1764	XLIX 657	—
TULPEUS, NICHOLAS, M. D. Observations on a case of a dropfy mistaken for gravitation	LIV 83	—
TURBERVILLE, DAWBENEY. Several cases of the eyes	IX 131	III 139
— Considerable observations on the practice of physic	XIV 736	— 34
TURNER, DANIEL, M. D. Two cases of insects voided by the urinary passages	XV 839	— 33
TYRREL, RICHARD. Observations on the transit of Mercury over the Sun, May 6, 1753, at Antigua	XXXIII 410	VII 539
TYSON, EDWARD, M. D. Anatomical observations on an abscess in the liver, a great number of stones in the gall bag and bilious vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys, and a great dilatation of the vena cava	XLVIII 318	—
— Remarks on the glandulæ renales	XII 1035	III 81
— Anatomical observations on four ureters found in an infant	— 1039	— 146
— The anatomy of a rattle snake	— —	— —
— Discourse on the jointed worm	XIII 25	II 797
— Anatomical observations on the round worm, bred in human bodies	— 113	III 121
— Reflections on an extraordinary birth in Staffordshire	— 154	— 130
— The anatomy of the Mexican musk-hog	— 281	— 221
— Observations on opening the body of Mr. Smith of Highgate	— 359	II 873
— Lumbricus hydropicus, or an essay to prove that the hydatides, often met with in morbid animal bodies, are a species of worms, or imperfect animals	XVI 332	III 347
— An observation on an infant, where the brain was depressed into the hollow of the vertebra of the neck	XVII 506	— 133
— An observation on one hemisphere of the brain sphacelated, and on a stone found in the substance of the brain itself	XIX 533	— 26
— The anatomy of an Opossum	— 535	— 27
— Answer to Dr. Wallis's letter on man's feeding on flesh	XX 105	II 881
	XXII 774	V 1

TYSON.

		origd.
Tyson, EDWARD, M. D. The anatomy of a male Opossum, with observations -	XXI	V 177
— A description of the cuculus lævis cæruleo flavescens, cui in supremo capite bronchiarum opercula, or the yellow gurnard -	— 1740	V 36
— Letter containing an account of a singular fish from the South Seas - -	LXI 247	
U.		
ULLOA, ANTONIO. Observations on an eclipse of the Sun, July 14, 1748, at Madrid	XLVI 10	X 77
— Observations on the earthquake of No- vember 1, 1755, made at Cadiz -	XLIX 427	
— Observations on the eclipse of the Sun taken the 24th of June, 1778, on board the Espagne, in the passage from the Azores . -	LXIX 105	

V.

	Transf.	Abridg.
VAILLANT, ———. Account of a new genus of plants, called <i>Araliastrum</i> , of which the famous zinzin or ginseng, of the Chinete, is a species	XXX 705	IV 2 319
VALVASOR, JOHN WEICHARD. Method of casting statues in metal; together with an invention of his for making such cast statues of an extraordinary thinness, beyond any thing hitherto known or practised	XVI 259	I 599
—— Description of the lake of Zirknitz, in Car niola	— 411	II 307
VALLEMONT, PETER LORRAIN DE. Account of a small egg found within an ordinary one	XIX 632	— 904
VALLETTA, JOSEPH. Account of the burning and eruption of Mount Vesuvius, 1707	XXVIII 22	IV 2 207
VALSALVA, ANTONY MARIA. An account of an excretory duct from the glandula renalis	XXXIII 190	VII 540
VALTRAVERS, RODOLPH de. Observations on the earthquake of November 1, 1755, made at Neuchâtel in Switzerland	XLIX 436	
VAN, ROBERT. Account of an extraordinary meteor, or kind of dew resembling butter, that fell in Ireland	XIX 223	
VANERUGH, G. R. Observations on the comet of 1736-7, at Lisbon	XL 123	
—— Account of an earthquake, February, 1749-50, at Plymouth	XLVI 693	
VARELAZ, JOSEPH. On the disparition of Saturn's ring	LXIV 112	
VASSAL, ———. Account of a woman who had a double matrix	IV 969	III 205
VASSENUS, BIRGER. Observations on a total eclipse of the Sun, at Gothoberg in Sweden May 2, 1733, Lat. 57°, 40', 54"	XXXVIII 134	VIII 137

	Transf.	Abridg.
VATER, ABRAHAM. Case of part of the colon hanging out of a wound for 14 years	XXXI 89	VII 515
— Case of a partial sight of objects	XXXIII 147	VIII 490
— Observations on the dissection of the body of a person who died of the stone	XXXIV 102	VII 531
— Case of a very large plica Polonica	XXXVII 50	— 496
— Account of the filtering stone of Mexico	XXXIX 106	VIII 728
— Case of a remarkable disease of the skin	— 199	IX 117
VAUGHAN, HENRY. Uncommon observations on the dissection of morbid bodies	XXIII 1244	V 261, 272, 291
VAUX, SIR THEODORE DR. OF MED. An account of the diseases of dogs, and several receipts for the cure of their madness, and of those bitten by them, extracted from the papers of Sir T. Mayerne, by Sir Theodore de Vaux	XVI 308	II 870 III 283
VEAY, —. Account of an extraordinary hermaphrodite at Toulouse	— 282	— 1, 6
VEICHT, ROBERT. An account of the effects of lightning on three ships in the East Indies, Aug. 1, 1750	LIV 284	
VENUTI, ABBATE DE. Account of some antiquities lately discovered in Italy	LI 201, 636	
VERELST, —. Account of several earthquakes from April 2, to 19, 1762, in the province of Islamabad, with the damages attending them, translated from the Persian	LIII 265	
VERNATI, SIR PHILABERT. Of the nature of a certain stone, found in the Indies, in the head of a serpent	I 102	II 814
— Answer to some queries recommended by Sir R. Moray	III 863	III 617
— Relation of the making of cerufs	XII 935	II 576
VERNEDE, —. Account of the earthquakes at Maestricht, from Feb. 18, to the beginning of April, 1756	XLIX 663	
VERNEY, GUICHARD JOSEPH DU. Anatomical observations on the structure of the nose	— 976	III 56
VERNON, FRANCIS. Observations in his travels from Venice through Iliria, Dalmatia, Greece, and the Archipelago, to Smyrna	XI 575	
VERNY, —. On the use of the grain Kermes for coloration	I 362	II 765
VIEVAR, REV. A. Observations on two explosions in the air	XLI 288	VIII 526
VIEUSEN, RAYMOND. On the human blood	XX 224	III 220
— On the organ of hearing	XXI 370	— 43

	Transf.	Abridg.
VILETTE, —. An account of a not ordinary burning concave, lately made at Lyons, and compared with several others made formerly	I 95	I 211
VINCE, Rev. S. An investigation of the principles of progressive rotatory motion	LXX 546	
VINCENT, NATHANIEL. On Dr. Papin's way of raising water	XV 1238	I 539
VISME, STEPHEN DE. An account of an earthquake at Macao, November 23, 1767	LIX 71	
— Description of a singular species of monkey without a tail, found in the interior part of Bengal	— —	
— The manner in which the Chinese heat their rooms	LXI 59	
VOLKAMER, J. G. Observations on the variation of the magnetic needle	XV 1253	II 609
VOSSIUS, —. An uncommon inscription lately found on a very great basis of a pillar dug up at Rome, with an interpretation of the same	XVI 172	III 446
VOYE, — DE LA. A relation of worms that eat out stones	I 321	II 787

W.

W. I. Account of an aurora borealis, Feb. 6, 1720-1, at Dublin	XXXI 180	VI 2 86
W. R. Observations on the dissection of a rat	XVII 594	
— Account of a storm of thunder, lightning, and rain at Oundle	— 710	
W. T. On the term and period of human life, with observations on the Breslaw table	LII 46	
W. W. Remarks on some Saxon coins, found in Suffolk	XVI 361	III 438
WADDEL, —. On the effects of lightning in		destroying

	Transf.	Abridg.
destroying the polarity of the mariner's compass; with some remarks by Gowen Knight	XLVI 111	X 695
WAINHOUSE, REV. WILLIAM. Account of the effects of lightning in Wiltshire, June 20, 1772	LXIII 231	
WAITE, NICHOLAS. Account of an incombustible cloth	XV 1049	II 549
WALES, WILLIAM. Astronomical observations made by order of the Royal Society at Prince of Wales's Fort, on the north-west coast of Hudson's Bay	LIX 469	
— Observations on the transit of Venus, June 3, 1769, at Prince of Wales's Fort	— 480	
— Journal of a voyage made by order of the Royal Society to Churchill river on the north-west coast of Hudson's Bay; of thirteen months residence in that country; and of the voyage back to England in 1768 and 1769	LX 100	
— Observations on the state of the air, winds, weather, &c. at Prince of Wales's Fort in the north-west coast of Hudson's Bay in 1768, and 1769	— 137	
— Observations on the solar eclipse, June 24, 1778	LXVIII 101	
— Astronomical observations at Prince of Wales's Fort, on the north-west coast of Hudson's Bay	LIX 467	
WALKER, —. Experiments and observations concerning sounds	XX 433	I 506
WALKER, JOHN. An account of a new medicinal well lately discovered near Moffat in Annandale, in the county of Dumfries	L 117	
— An account of the irruption of Solway Moss, on December 16, 1772	LXII 123	
— An account of the cavern in Dunmore Park, near Kilkenny in Ireland	LXIII 16	
WALL, —. Experiments on the luminous qualities of amber, diamonds, and gum-lac	XXVI 69	IV 2 275
WALL, J. M. D. On the extraordinary effects of musk in convulsive disorders	XLIII 212	XI 1044
— On the use of the bark in the small-pox	XLIV 583	
— Essay on the waters of the Holy Well, at Malvern, Worcestershire	XLIX 459	
— Observations on the case of a boy cured of convulsive fits by a discharge of worms	L 23	
	— 836	

	Transf.	Abridg.
WALLACE, JAMES. Part of a journal kept from Scotland to New Caledonia, in Darien, with a short account of that country -	XXII 536	III 561
— An abstract from an account of the island of Orkney -	— 543	—
— On a stone cut out of the bladder, having hair on it -	— 688	— 155, 164
WALLER, RICHARD. Observations on the Cicindela volans, or flying glow worm, with the figure -	XV 841	II 761
— A catalogue of simple and mixed colours, with a specimen of each colour, fixed to its proper name -	XVI 24	I 601 — 605
— Some observations made on the spawn of frogs, and the production of tadpoles therein -	XVII 523	II 818
— Observations on the dissection of a paroquet -	XVIII 153	— 855
— Some observations sent from the East Indies, in answer to some queries sent thither -	XX 273	III 618
— An account of two deaf persons who can speak and understand one another by the motion of the lips -	XXV 2468	V 2 219
— A description of that curious natural machine, the wood-pecker's tongue -	XXXIX 509	V 55
WALLIS, JOHN. Observations of the scaled weather-glass, and the barometer -	I 166	II 6
— A relation concerning the late earthquake near Oxford, Jan. 19, 1665 -	— —	II 395
— A relation of an accident by thunder and lightning at Oxford, May 10, 1666 -	— 222	—
— An essay exhibiting the hypothesis of the flux and reflux of the sea -	— 263	— 268
— An appendix by way of answer to some objections to the above essay -	— 281	—
— Animadversions of Dr. Wallis, upon Mr. Hobbes's book, De Principiis & Ratiocinatione Geometricarum -	— 289	—
— Some inquiries and directions concerning tides, proposed by Dr. Wallis, for the proving and disproving of his lately published discourse concerning them -	— 297	II 365
— Account of the variety of annual high-tides, at to several places; with respect to his own hypothesis. (v. I. p. 263) -	III 652	— 278
— Some mistakes to be found in a book intitled "specimina mathematica F. du Laurens," especially touching a certain problem affirmed		

	Transf.	Abridg.
to have been proposed by Dr. Wallis to the mathematicians of all Europe, to solve it	III 654	
WALLIS, JOHN, D. D. Animadversions on a printed paper, intituled Responso F. du Laurens ad Epist. D. Wallisii ad Oldenburgium scriptam	— 744	
— Second letter on the same paper	— 775	
— Continuation of the second letter	— 825	
— Account of the Logarithmotechnia of Mercator	— 759	VI 456
— A summary of the general laws of motion	— 864	I 457
— Some observations concerning the baroscope and thermoscope	IV 1113	II 5
— Letter to Mr. Boyle concerning an essay of teaching a person deaf and dumb to speak and understand a language, with the success of it	V 1087	32
— Answer to Mr. Childrey's animadversions upon his hypothesis of the flux and reflux of the sea	— 2068	III 388
— Answer to Mr. Hobbes's Rosetum geometricum	VI 2202	II 283
— His opinion concerning the hypothesis physica nova of Leibnitz	— 2227	I 247
— Answer to four papers of Mr. Hobbes lately published	— 2241	
— Breviat concerning Dr. Wallis's two methods of Tangents	VII 4010	— 156
— Answer to the Lux mathematica	— 5067	
— On the center of gravity of hyperbolas	— 5074	
— On the suspension of quicksilver well purged of air, much higher than the ordinary standard of the Torricellian experiment	— 5160	II 24
— A confirmation of the account of a strange frost at Bristol	VIII 5196	— 152
— A note upon Mr. Lister's observations concerning the veins of plants	— 6060	— 696
— Letter asserting the first invention and demonstration of the equality of the curve line of a paraboloid to a straight line, and next the finding a straight line equal to that of a cycloid and of the parts thereof	— 6146	I 116
— Two other letters to the same purpose	— 6146	— —
— A letter gratulatory to M. Hevelius, for his Organographia, and particularly concerning divisions by diagonals	IX 243	
— On a new musical discovery	XII 839	— 606
— An account of a considerable meteor seen in many distant places in England, September 20, 1676	— 863	II 200

	Transf.	Abridg.
WALLIS, JOHN, D. D. Account of an antient date in Northamptonshire in numeral figures	XIII 399	I 107
— An account of two large stone chimney pieces, with a peculiar sort of archwork thereon	XIV 800	— 595
— On the collection of secants, and the true division of the meridian in the sea chart	XV 1002	II 122
— On the air's gravity	— 1193	I 527
— Treatise of algebra, historical and practical	— 1095	
— Account of the strength of memory when applied with due attention	— 1269	III 661
— On the measures of the air's resistance to bodies moved in it	XVI 269	I 484
— On the apparent magnitude of the Sun and Moon, or the apparent distance of two stars when near the horizon, and when higher elevated	— 323	— 225
— The Florentine problem concerning the quadrature of an hemispherical cupola of a temple	XVII 584	
— A proposal concerning the parallax of the fixed stars, in reference to the earth's annual orb	— 844	
— A discourse concerning the methods of approximation in the extraction of surd roots	XIX 2	— 98
— On the spaces in the cycloid, which are perfectly quadruple	— 111	— 116
— An extraordinary cure of a horse that was staked into his stomach	— 118	
— Letter concerning the cycloid known to Cardinal Cusanus about the year 1450, and to Carolus Bovillus about 1500	— 561	— 116
— On the generation of hail, of thunder and lightning, and the effects thereof	— 653	
— A correction on the 109th chapter of his book on algebra	— 729	II 183
— Account of the effects of thunder and lightning at Everdon, Northamptonshire	— 729	
— A question in musick lately proposed to Dr. Wallis, concerning the division of the monochord, or section of the musical canon; with his answer to it	XX 5	— 177
— On the observation of Easter April 24, 1698	— 80	I 610
— On some supposed imperfections in an organ	— 185	III 402
— On the strange effects of music in former times	— 249	I 612
— A method of instructing deaf and dumb persons	— 297	— 618
— Account of some passages between him and M. Leibnitz	— 353	III 393
	XXI 273	II 2

	Transf.	Abridg.
WALLIS, JOHN. Letter to Leibnitz -	XXI 280	II 2
— On some supposed alterations of the meridian line, which may affect the declination of the magnetic needle, and the pole's elevation -	— 285	I 265
— On the alteration (suggested) of the Julian account for the Gregorian -	— 343	III 406
— The quadrature of the parts of the lunula of Hippocrates, performed by Mr. John Perks; with the further improvements of the same by Dr. David Gregory and John Caswell -	— 411	I 27
— Some easy methods, for the measuring of curvilinear figures, plain and solid -	XXII 547	— 58
— On the use of the numeral figures in England, in 1090 -	— 677 — 769 } — 783 }	— 108 V 1
— Two letters on men feeding on flesh -		
— Chartham news; or a brief relation of some strange bones lately digged up in some grounds of Mr. John Sommers in Canterbury -	— 882	IV 2 222
— Some letters relating to Mr. Sommers treatise of Chartham news -	— 1022	
— Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais -	— 967	— - 227
— Captain Edmund Halley's map of magnetic variation; and some other things relating to the magnet -	XXIII 1106	— - 286
— An account of two deaf persons who can speak and understand one another by the motion of the lips -	XXV 2468	V 2 219
WALLIS, Capt. Account of a solar eclipse observed at George's island, July 25, 1767 -	LXII 33	
WALMESLEY, CHARLES. Essay on the precession of the equinoxes and the nutation of the earth's axis -	XLIX 704	
— A theory of the irregularities that may be occasioned in the annual motion of the earth by the actions of Jupiter and Saturn -	— 737	
— Of the irregularities of the motion of a satellite arising from the spheroidal figure of its primary planet -	L 809	
— Of the irregularities in the planetary motions, caused by the mutual attraction of the planets -	LII 275	

	Transf.	Abridg.
WALPOLE, HORACE. Case (of the stone) as drawn up by himself - - -	XLVII 43	
— Sequel to his case - - -	— 472	
WALSH, JOHN. On the electric property of the torpedo - - -	LXIII 461	
— On torpedos found on the coast of England	LXIV 464	
WANLEY, HUMPHREY. Letter judging of the age of MSS. by the style of learned authors, painters, musicians, &c. - -	XXIV 1993	V 2 1
— An essay on the invention of printing, by John Bagford; with an account of his collections for the same - - -	XXV 2397	— - 18
WARD, JOHN. Account of the Equulæus	XXXVI 231	VII 4 31
— Remarks on an antient date, at Widgehall, Hertfordshire - - -	XXXIX 120	IX 421
— Remarks on an antient date, over a gate-way, near the Cathedral, at Worcester - -	— 136	
— Remarks on an inscription cut formerly in a window belonging to the parish church of Ramsey in Hampshire - - -	XLIII 79	
— An explanation of a Roman inscription found not long since at Silchester in Hampshire - -	— 200	XI 1264
— A brief inquiry into the reading of two dates in Arabian figures cut upon stones, which were found in Ireland - - -	— 283	— 1260
— Explanation of some remains of antiquity found in Lincolnshire - - -	— 349	— 1298
— An attempt to explain two Roman inscriptions, cut upon two altars, which were dug up some time since at Bath - - -	XLIV 285	— 1021
— Brief account of a Roman tessera - - -	XLV 224	— 1321
— A description of the town of Silchester in its present state; with a short account of an antient date in Arabian figures at Walling, near Aldermarston, in Berkshire - -	— 603	— 1267
— Remarks upon an antient Roman inscription found in that part of Italy which formerly belonged to the Sabines - -	XLVI 293	— 1273
— An attempt to explain an antient Greek inscription, engraven upon a curious bronze cup with two handles, and published with a draught of the cup, by Dr. Pocock, in his description of the East, vol. 2, part 2, page 207 - -	— 488	— 1278
— An account of a Roman altar, with an inscription upon it, found at York, and communicated to the Society of Antiquaries,		

	Transf.	Abridg.
by F. Drake. As also a brief explication of the inscription, by John Ward -	XLVIII 33	
WARD, JOHN. An attempt to explain an antient Roman inscription cut upon a stone lately found at Bath -	- 332	
— An account of a Roman inscription found at Malton in Yorkshire, in the year 1753	XLIX 69	
— An account of four Roman inscriptions, cut upon three large stones, found in a ploughed field near Wroxeter in Shropshire, in the year 1752; with some observations upon them -	- 196	
— Some considerations on two pieces of lead with Roman inscriptions upon them, found several years since, in Yorkshire -	- 686	
WARDLE, JOHN FRED. On the destruction of the canker worms and locusts, which destroyed the fields at Wirtemberg, for several years	XXXVIII 294	
WARGENTIN, PETER. On the variation of the magnetic needle -	XLVII 126	
— Observations on the transit of Venus over the Sun, on June 6, 1761, and on an eclipse of the Moon, May 8, 1761, taken in Sweden	LII 208, 213	
— An account of the observations made upon the transit of Venus, over the Sun, June 6 1761, at Cajaneburg in Sweden -	- 231	
— Relation of the late transit of Venus -	LIII 59	
— An essay on a new method of determining the longitude of places, from observations of the eclipses of Jupiter's satellites -	LVI 278	
— Meteorological observations made at Stockholm, in the winter of 1767-8 -	LVIII 152	
— Observations on the transit of Venus, June 3, 1769, in Sweden -	LIX 327	
— Observations on the occultations of the stars α and γ Tauri, and other stars, by the Moon	LXV 280	
— On the difference of longitude of the Royal Observatories at Paris and Greenwich, resulting from the eclipse of Jupiter's first satellite, observed during the last ten years; to which is added, a comparative table of the corresponding observations of the first satellite, made in the principal observatories -	LXVII 162	
WARING, EDWARD. Mathematical problem	LIII 294	
— New properties in conic sections -	LIV 193	
— Two theorems in mathematics -	LV 143	

	Transf.	Abridg.
WARING, EDWARD. Problems concerning interpolations	LXIX 59	
— A general resolution of algebraical equations	— 86	
WARING, RICHARD HILL. Account of some plants found in several parts of England	LXI 359	
WARK, Rev. DAVID. On the use of furze, in fencing the banks of rivers	LII 1	
WARNER, JOSEPH. Case of an extraordinary tumour growing on the inside of the bladder, successfully extracted	XLVI 414	XI 1006
— Case of a successful operation performed on the empyema	XLVII 407	
— Case of a piece of a bone, together with a stone in the bladder successfully extracted	— 475	
— Case of the operation for the empyema successfully performed	XLVIII 270	
— On the use of the agaric of the oak in stopping hæmorrhages	— 588	
— On the use of agaric, as a styptic	— 813	
— Two singular cases of diseased knee joints, successfully treated, the first by topical applications, the second by operation	XLIX 452	
— Case of an aneurism on the thigh, and on the uncertainty of the distinguishing symptoms	L 363	
— An instance of four rough stones that were discovered in an human urinary bladder, contrary to the received opinion; and successfully extracted by the lateral method of cutting for the stone	— 579	
— Remarkable case of an empyema	Ll 194	
— An account of two stones of remarkable shapes and sizes, which, for the space of six years, were firmly lodged in the urethra of a young man, and successfully cut out from thence	— 304	
— An account of a very small fœtus brought into the world at the same time with a child at its full growth	LX 451	
WARREN, GEORGE. Observations on the dissection of an ostrich	XXXIV 113	VII 437
— Account of the earthquake, felt Feb. 18, on the coast of England, near Dover	XLIX 579	
WARRICK, CHRISTOPHER. A remarkable lusus naturæ in a child	XLI 152	IX 316
— An improvement in the practice of tapping	XLIII 12	Xi 1030
— On the success of injecting medicated liquors into the abdomen, in an ascites	— 47	X 1009
		WARRICK,

	Transf.	Abridg.
WARRICK, CHRISTOPHER. Experiments on injecting claret, &c. into the abdomen, after tapping	XLIX 485	
WASSE, Rev. ———. On the difference of the height of a human body, between morning and night	XXXIII 87	
—— On the effects of lightning, July 3, 1725, in Northamptonshire	— 366	VI 2 70
—— Account of an earthquake, in Oct. 1731, in Northamptonshire	XXXIX 361	VIII 692
WATHEN, JONATHAN. A method proposed to restore the hearing when injured, from an obstruction of the Tuba Eustachiana	XLIX 213	
WATKINS, THOMAS. Rules for correcting the usual methods of computing amounts and present values, by compound as well as simple interests; and of stating interest accounts	XXIX 111	V 2 243
WATSON, HENRY. A description of the lymphatics of the urethra and neck of the bladder	LIX 392	
—— Account of the stomach of the Gillaroo trout	LXIV 121	
—— A short account of Dr. Mary's illness, and of the appearances in the dead body, which was examined on the 3d of August, 1776, the day after his decease	LXVII 608	
WATSON, Rev. RICHARD, Bishop of Landaff. Experiments and observations on various phenomena attending the solution of salts	LX 325	
—— Remarks on the effects of cold in February, 1771	LXI 213	
—— Account of an experiment made with a thermometer, whose bulb was painted black, and exposed to the direct rays of the Sun	LXIII 40	
—— Chemical experiments and observations on lead-ore	LXVIII 863	
WATSON, WILLIAM, M. D. A Case wherein part of the lungs were coughed up	XL 623	IX 137
—— An observation upon hydatides voided per vaginam	— 711	— 188
—— Observations upon Mr. Sutton's invention to extract foul and stinking air out of ships, with critical remarks upon the use of windmills	XLII 62	VIII 630
—— On the seed of mushrooms	— 599	VIII 815
—— Account of some persons poisoned by eating boiled hemlock	XLIII 18	X 783
—— Further remarks concerning mushrooms occa-		

	Transf.	Abridg.
tioned by the Rev. Mr. Pickering's paper, with observations on the poisonous faculty of some sorts of fungi		
WATSON, WILLIAM, M. D. An account of a plant (<i>Ceanothus olivæ rufus et operculo elevatis</i>) little known and hitherto undescribed	XLIII 51	X 790
— Account of a large stone found in the stomach of a horse	— 234	— 703
— Experiments and observations, tending to illustrate the nature and properties of electricity	— 268	XI 904
— Further experiments and observations tending to illustrate the nature and properties of electricity	— 481	X 280
— Critical observations concerning the <i>Ceanothus aquatica</i> , succo virolo crucante, of Lobel	XLIV 41	— 290
— Observations upon so much of M. le Monnier's memoir, as relates to the communicating the electric virtue to non-electrics	— 227	— 765
— A continuation of a paper concerning electricity from vol. XLIII. page 501	— 358	— 339
— A sequel to the experiments, and observations tending to illustrate the nature and properties of electricity	— 695	
— A collection of electrical experiments	— 704	— 290
— Further inquiries into the nature of electricity	XLV 49	— 347
— Enquiry concerning the respective velocities of electricity and sound	— 93	— 368
— An account of the experiments made by some gentlemen of the Royal Society, in order to measure the absolute velocity of electricity	— 49	— 347
— Account of the black vomit of South America	— 491	— 407
— Some account of the remains of John Tradescant's garden, at Lambeth	XLVI 134	XI 1063
— Some account of the foetus in utero being differently affected by the small pox	— 160	X 740
— Letter declaring that he as well as many others have not been able to make odours pass through glass, by means of electricity; and giving particular account of Professor Bosc's experiment of beatification, or causing a glow to appear round a man's head by electricity	— 235	XI 1042
— Several papers concerning a new semi-metal called Platina	— 348	X 410
— Observations upon the sex of flowers	— 584	— 671
— Observations on the effects of white henbane	XLVII 139	
— An account of B. Franklin's treatise, entitled Experiments and observations in electricity, made at Philadelphia	— 196	
	— 202	

	Transf.	Abridg.
WATSON, WILLIAM, M. D. An account of the result of some experiments made with globes and tubes; transmitted by Mr. Winkler in order to verify the facts of odours passing through them - - -		
— An account of the Bishop of London's garden at Fulham, with a catalogue of the exotic trees remaining in it, June 25, 1751 - - -	XLVII 236	
— Account of the cinnamon tree - - -	— 241	
— On the phenomena of electricity in vacuo - - -	— 301	
— An account of the Aphyllon and Dentaria hep- taphylos of Clusius, omitted by Mr. Ray - - -	— 362	
— An account of S. de Peyssonel's MS: treatise upon coral, and several other productions of the sea, in order to illustrate the natural history thereof - - -	— 428	
— Remarks on Mr. Dixon's account of vegetable hills which grow in a lake near the Humber, Yorkshire - - -	— 445	
— Electrical experiments in England, under thunder-clouds - - -	— 498	
— An account of Mr. Appleby's process to make sea water fresh - - -	— 567	
— A comparison of different thermometrical obser- vations in Siberia - - -	XLVIII 69	
— Observations on the Byffus of the antients - - -	— 108	
— Remarks on the sex of the holly - - -	— 359	
— Answer to Dr. Lining's query relating to the death of Professor Richman - - -	— 615	
— Relation of a large calculus found in a mare - - -	— 765	
— Observations upon agaric - - -	— 800	
— An account of Mr. Tull's method of castrating fish - - -	— 811	
— Account of a species of plant, from which the agaric used as a styptic is prepared - - -	— 870	
— A brief botanical and medical history of the Solanum lethale, Bella-donna, or deadly nightshade - - -	XLIX 28	
— Remarks on the heat of the air, in July, 1757 - - -	L 62	
— An historical memoir concerning a genus of plants called Lichen, by Micheli, Haller, and Linnæus, and comprehended by Dillenius under the terms Ufnea, Coralloides, and Lichenoides; tending principally to illustrate their several uses - - -	— 429	
— An account of some extraordinary effects arising from convulsions - - -	— 652	
— A further account of the poisonous effects of the	— 743	

	Transf.	Ab ridg.
<i>Oenanthe aquatica succo viroso crocante</i> of Lobel, or hemlock dropwort -	L 856	
WATSON, WILLIAM, M. D. Some observations concerning the <i>Lyncurium</i> of the ancients	LI 394	
— The effects of electricity on a tetanus	LII 10	
— An account of the <i>cicuta</i> , recommended by Dr. Storke -	— 89	
— Some suggestions concerning the preventing the mischiefs which happen to ships and their masts by lightning -	— 629	
— Some remarks upon the catarrhal disorder, which was very frequent in London and in its neighbourhood, in May, 1762; and upon the dysentery which prevailed in the following autumn	— 646	
— Observations upon the effects of electricity, applied to a tetanus, or muscular rigidity, of four months continuance -	LIII 10	
— An account of the insect called the vegetable fly	— 271	
— Account of an American <i>armadilla</i> -	LIV 57	
— Observations upon the effects of lightning, with an account of the apparatus to prevent its mischiefs to buildings, more particularly powder magazines -	— 201	
— Account of the opening of the body of an asthmatic person -	— 239	
— Account of the late cold weather, Jan. and Feb. 1767, at London -	LVII 443	
— An account of some experiments by Mr. Miller, of Cambridge, on the sowing of wheat	LVI 203	
— An account of oil obtained from the ground-nuts of North Carolina -	LIX 376	
— On pointed conductors -	LXIII 66	
WATSON, jun. WILLIAM, M. D. An account of the blue shark -	LXVIII 789	
WEBB, PHILIP CARTERET. An account of an inverted iris, observed on the grafs in September, and another in October, 1751 -	XLVII 248	
— Account of an agitation of the waters in Suffex and Surry, Nov. 1, 1755 -	XLIX 353	
WEIDLER, JOHN FREDERICK. Observations of an eclipse of the Moon. July 29, 1729, at Wirtemberg -	XXXVI 174	VI 205
— An account of the eclipse of the Sun, July 15, 1734, at Wirtemberg -	— 394 XXXVIII 291	— 182
— Account of an aurora borealis, 1732 -		VIII 574
— A narrative of the destruction of the canker		

	Transf.	Abridg.
worms and locusts which destroyed the fields near Wirtemberg for several years	XXXVIII 294	
WEIDLER, JOHN FREDERICK. An account of the eclipse of the Sun, observed May 2, 1733, at Wirtemberg	— 332	VIII 138
— Astronomical, physical and meteorological observations in 1733, at Wirtemberg	XXXIX 238	— 178
— Account of several auroræ borcales	— 266	— 550
— Observation on the eclipse of the Moon, Oct. 2, 1724, at Wirtemberg	— 359	— 164
— An observation of two parrhelia, or mock suns seen at Wirtemberg in Saxony, Dec. 31, 1735	XL 54	— 509
— Observations on the lunar eclipse, Sept. 8, 1736, at Wirtemberg	— 94	
— Observations of the transit of Mercury over the Sun, Oct. 31, 1736	— 110	— 198
— Observations on an eclipse of the Sun, Feb. 18, 1736-7,	— 201	— 152
— Observations on an eclipse of the Sun, Aug. 4, 1738	XLI 92	
— Observations on an Antheilium seen at Wirtemberg, Jan. 17, 18, 1738	— 221	
— Observations of an occultation of Palilicius, at Wirtemberg, Dec. 23, 1738	— 225	
— Observations on the eclipse of the Sun, Aug. 4, 1739, at Wirtemberg	— 226	— 113
WENDLINGEN, JOHN. Observations on the eclipse of the Moon, July 30, 1757, at Madrid, and Jan. 24, 1758	L 640	
WEST, THOMAS. Account of a volcanic hill near Inverness	LXVII 385	
WEYMARN, ———. Account of an earthquake in Siberia, Nov 28, 1761	LIII 201	
WHEELER, REV. MAURICE. Account of a movement that measures time after a particular manner, with an account of the reason of the said motion	XIV 647	I 468
WHELER, GRANVILLE. Account of an eclipse of the Sun, May 2, 1733, at Norton Court, and Otterden Place	XXXVIII 114	VIII 136
— Some electrical experiments chiefly regarding the repulsive force of electrical bodies	XLI 98	— 406
— Letter of remarks on the late Stephen Gray, his electrical circular experiment	— 118	— 415
— Two letters concerning the rotatory motion of glass tubes about their axes, when placed in a certain manner before the fire	XLIII 341	X 551

WHISTON,

	Transf.	Abridg.
WHISTON, GEORGE. An account of four mock funs, seen at Kenfington, March 1, 1726	XXXIV 257	VI 2 79
WHISTON, REV. WILLIAM. An account of two mock funs, and an arc of a rainbow inverted, with an halo, and its brightest arc, seen Oct 22, and 23, 1721, at Lyndon, Rutland	XXXI 212	- - 76
WHITE, CHARLES. Account of a remarkable operation on a broken arm	LI 657	
— An account of a complete luxation of a thigh bone, in an adult person, by external violence	— 676	
— Case in which the upper head of the os hu- meri was sawed off, a large portion of the bone afterwards exfoliated, and yet the en- tire motion of the limb was preserved	LVI 39	
WHITE, GILBERT. Account of the house Mar- tin, or Martlet	LXIV 196	
— Of the house-Swallow, Swift, and Sand-Martin	LXV 258	
WHITE, TAYLOR. A discourse on the cinnamon, cassia or canella	L 860	
WHITE, WILLIAM. Experiments upon air, and the effects of different kinds of effluvia upon it	LXVIII 194	
WHITFIELD, ANNE. An account of the effects of a storm of thunder and lightning, at Rickmans- worth in Hertfordshire, July 16, 1759	LI 282	
WHITEHURST, JOHN. Thermometrical observations at Derby	LVII 265	
— An account of a machine for raising water, ex- ecuted at Oulton in Cheshire, in 1772	LXV 277	
— Experiments on ignited substances	LXVI 575	
WHYTT, ROBERT, M. D. An account of the earthquake, felt at Glasgow and Dumbarton, December 30, 1755; also of a shower of dust falling on a ship between Shetland and Iceland	XLIX 509	
— Observations on the case of Horace Lord Wal- pole	L 209	
— Postscript to observations on Lord Walpole's case, with observations on the lithontriptic quality of Carlsbad water, lime waters and soap	— 386	
— Cases of the remarkable effects of blisters, in lessening the quickness of the pulse in coughs attended with an incarceration of the lungs and fever	— 569	
WILBRAHAM, THOMAS. Account of an hydro- phobia	XLVII 412	
WILCOX, JOSEPH. An account of some subterrane- ous apartments with Etruscan inscriptions and		

	Transl.	Abridg.
paintings discovered at Civita Turchino in Italy	LIII 127	
WILKINSON, JOHN, M. D. A course of experiments to ascertain the specific buoyancy of cork in different waters; the respective weights and buoyancy of salt water and fresh water; and for determining the exact weights of human and other bodies in fluids	LV 95	
WILLIAMS, Rev. ANTHONY. An account of a remarkable thunder storm, Feb. 18, 1770, at Keverne in Cornwall	LXI 71	
WILLIAMS, PERROT, M. D. A method of procuring the small pox, used in South Wales	XXXII 262	VII 618
— Another letter on the same subject	— 264	— 619
— Observations upon dissecting the body of a person troubled with the stone	— 326	— 530
WILLIAMS, STEPHEN, M. D. Account of the viper catchers, and the efficacy of oil of olives in curing the bite of vipers	XL 26	IX 66
— An attempt to explain the barrows in Cornwall	XLI 465	— 445
WILLIAMS, HUGH. Experiments and observations on the <i>Gymnotus electricus</i> , or electrical eel	LXV 94	
WILLIAMSON, JOSEPH. A letter wherein he asserts his right to the curious and useful invention of making clocks to keep time with the Sun's apparent motion	XXX 1080	IV 394
WILLIS, —, M. D. Case of a lady who swallowed euphorbium	LI 662	
WILLOUGHBY, FRANCIS. Observations on the eclipse of the Sun, June 22, 1666, at London	I 295	I 280
— Experiment on the motion of sap in trees	IV 963	II 682
— Observations, directions and inquiries concerning the motion of sap in trees	V 1165	— 683
— Thoughts on dwarf oaks	— 1200	— 833
— Thoughts on the stellar fish	— 1201	
— Observations on the black poplar	— —	
— Observations on sycamore trees	— —	
— Observations on the walnut trees	— —	
— Observations on the insects and cartrages lodging themselves in old willows	V 2100	— 773
— Observations on Mr. Lister's communications on the motion of the sap in trees	— 2125	— 685
— Account of the hatching of a kind of bee lodged in old willows	VI 2221	— 174
— Account of the stellar fish and of some other curiosities	— —	— 832

WILLOUGHBY,

		Transf.	Abridg.
WILLOUHY, FRANCIS. Observations on the wasps called Vespæ ichneumonæ		VI 2279	II 769
WILMER, JOHN, M. D. Catalogue of fifty plants from Chelsea garden, 1747	-	XLVI 331	
_____ 1748	-	- 359	
_____ 1749	-	- 403	
_____ 1750	-	XLVII 166	
_____ 1751	-	- 396	
_____ 1752	-	XLVIII 110	
_____ 1753	-	- 528	
_____ 1754	-	XLIX 78	
_____ 1755	-	- 607	
_____ 1756	-	L 236	
_____ 1757	-	- 648	
_____ 1758	-	LI 96	
_____ 1759	-	- 644	
_____ 1760	-	LII 85	
_____ 1761	-	- 491	
_____ 1762	-	LIII 32	
_____ 1763	-	LIV 137	
_____ 1764	-	LV 91	
WILMER, B. Account of a woman accidentally burnt to death at Coventry	-	LXIV 340	
WILMOT, EDWARD. On the use of the Peruvian bark in the small-pox	-	XLIV 583	XI 1035
WILSON, ———. Account of the lapis amianthus, or Linum incombustibile, in Scotland	-	XXII 1004	IV 2 283
WILSON, ALEXANDER. Observations on the transit of Venus over the Sun, made at Glasgow	-	LIX 333	
—— Jupiter's first satellite observed at Glasgow, with an eighteen inch reflector of Mr. Short	-	- 402	
—— Account of a remarkable cold at Glasgow, in Jan. 1768	-	LXI 326	
—— Observations on the solar spots	-	LXIV 1	
—— Improvements proposed in the cross wires of telescopes	-	- 105	
WILSON, BENJAMIN. Electrical experiments at Paris	-	XLVIII 347	
—— Retraction of his former opinion, concerning the Leyden experiment	-	XLIX 682	
—— Some electrical experiments	-	LI 83	
—— Experiment on tourmalin, with some experiments in electricity	-	- 308	
—— Letter on electricity	-	- 896	
—— Observations on some gems similar to the tourmalin	-	LII 443	
—— Experiments in electricity	-	LIII 436	

	Transf.	Abridg.
WILSON, BENJAMIN. Considerations to prevent lightning from doing mischief to great works, high buildings, and large magazines	LIV 247	
— His dissent to part of the report of the committee of the Royal Society, on the powder magazine at Purfleet	LXIII 48	
— Observations upon lightning, and the method of securing buildings from its effects	— 49	
— His dissent from the report of the committee to examine the accident by lightning at Purfleet, May 15, 1777	LXVIII 239	
— Experiments and observations on the nature and use of conductors	— 245	
— New experiments upon the Leyden phial, respecting the termination of conductors	— 999	
— Account of Dr. Knight's method of making artificial loadstones	LXIX 51	
— New experiments and observations on the use of conductors	— 160	
WILSON, JAMES. A description and manner of using a late invented set of small pocket microscopes, which with great ease are applied in viewing opaque, transparent, and liquid objects, &c.	XXIII 1241	IV 199
WILSON, PATRICK. M. A. An account of a most extraordinary degree of cold, at Glasgow, in January, 1780, together with some new experiments and observations on the comparative temperature of hoar-frost, and the air near to it, made at Glasgow	LXX 451	
WINCLER, ———, M. D. Account of the murrain in Switzerland, and its cure	XIII 93	II 869
WINKLER, JOHN HENRY. New observations in electricity	XLIII 307	X 327
— On the effect of electricity upon himself and his wife	XLIV 211	
— Description and figures of his electrical pyroorganum	— 497	— 345
— A discovery in electricity, useful in medicine	XLV 262	
— Experiments relating to odours passing through electrified globes	XLVII 231	
— Account of two electrical experiments	XLVIII 772	
WINK, Capt. J. L. An account of the appearance of lightning on a conductor fixed from the summit of the main mast of a ship down to the water	LX 188	
WINN, I. S. Remarks on the aurora borealis, in Sept. 1769	LXIV 128	

	Transf.	Abridg.
WINTHROP, JOHN. Account of some natural curiosities, and a strange and curiously contrived fish from New England	V 1151	II 822
— The description, culture, and use of maize	XII 1065	III 564
— Observations on the transit of Mercury, over the Sun, April 23, 1740, and of an eclipse of the Moon, Dec. 21, 1740, in New England	XLII 572	II 630
— Case of the bones of a foetus coming away by the anus	XLIII 304	VII 170
— An account of the earthquake felt in New-England and the neighbouring parts of America, Nov. 18, 1755	L I	IX 1015
— An account of a meteor seen in New England, May 10, 1760, and of a whirlwind felt in that country, July 10, 1760	LII 6	
— An account of several fiery meteors seen in North America	LIV 185	
— Observations on the transit of Venus, at St. John's in Newfoundland	— 277	
— Thoughts concerning comets	LVII 132	
— Observations on the transit of Venus over the Sun, June 3, 1769	LIX 351	
— Observations of the transit of Mercury over the Sun, October 25, 1743	— 505	
— Phases of the transit of Venus, supposed to be retarded by the aberration of light	LX 358	
— Observations on the transit of Mercury over the Sun, Oct. 25, 1743	LXI 51	
— Remarks upon a passage in Castiglione's life of Sir Isaac Newton	LXIV 153	
WISEMAN, RICHARD. Experiments with a liquor for stopping the blood of cut arteries	VIII 6052	III 253
WHITCHELL, GEORGE. A general investigation of the nature of the curve, formed by the shadow of a prolate spheroid upon a plane standing at right angles to the axis of the shadow	LVII 28	
— Some account of a solar eclipse observed at George's Island, by Capt. Wallis, July 25, 1767	LXII 33	
WITHERING, WILLIAM, M. D. Experiments on the different kinds of marble found in Staffordshire	LXIII 16	
WITSEN, NICHOLAS. Account of a large and curious map of Great Tartary	XVII 492	
— Description of certain shells found in the East Indies	XVII 870	II 826
		831

WITSEN,

	Transf.	Abridg.
WITSEN, NICHOLAS. Letter with two draughts of Persepolis -	XVIII 117	III 527
— Account of the upper part of the burning mountain, in the isle of Ternata -	XIX 42	
— An account of the sad mischief befallen the inhabitants of Soreo, near unto the Molucco's, by subterraneous fire, for which they were forced to leave their country -	— 49	II 391
— A farther relation of the horrible burning of some mountains on the Molucco islands -	— 529	— 394
— Observations on New Holland -	XX 361	III 620
WITTIE, ROBERT. Answer to the Hydrologia chymica, of W. Simpson -	V 999, 1038	
— Observations on the notes of Dr. Foot, and Dr. Highmore on mineral waters -	— 1074	
— Observations on a stone found in the kidneys -	XVIII 30	— 151
WOLFALL, RICHARD. Account of the earthquake at Lisbon, Nov. 1, 1755 -	XLIX 402	
WOLFE, CHRISTIAN. Account of a rupture of the ilium -	XL 61	IX 160
WOLFE, NATHANIEL MATTHEW, M. D. Descriptio Fontis Hieronis in Metallifodinis Chemicis in Hungaria, anno 1756, extracti; with a theory of congelation drawn from some appearances of ice and snow there -	LII 547	
— Manner of preparing nitre in Podolia -	LIII 356	
— Account of the Polish cochineal -	LIV 91, 95	
— Meteorological observations in Poland, in the winter of 1768 -	LVI 184	
— A short narrative of the structure and effects of parabolic burning glasses, made by Mr. Hoesen of Dresden, and an account of experiments made with them, on the fusion of different substances -	LVIII 151	
— Account of a portrait of Copernicus, presented to the Royal Society -	LIX 4	
WOLLASTON, CHARLTON, M. D. Case of mortification of limbs, in a family at Wattisham in Suffolk -	LXVII 33	
— Further account of the said case -	LII 523	
WOLLASTON, REV. FRANCIS. Observations of the eclipse of the Sun, June 4, 1769, in the morning -	— 584	
— Observations of the transit of Venus over the Sun, June 3, 1769, made at East Dereham in Suffolk -	LIX 407	
— Account of the going of an astronomical clock -	— 407	
	LXI 559	

WOLLASTON,

	Transf.	Abridg.
WOLLASTON, Rev. FRANCIS. Astronomical observations at Chislehurst, Kent, 1772	LXIII 67	
----- 1773 -----	LXIV 329	
----- 1774 -----	LXV 290	
WOOD, BAZIL. An account of a stone of a prodigious size extracted by section out of a woman's bladder, who survived the operation	XVIII 103	III 185
----- Account of a burning rock and a burning well at Calcutta -----	LII 415	
WOODWARD, JOHN, M. D. Thoughts and experiments on vegetation	XXI 193	II 713
WOOLCOMBE, THOMAS. Case of a locked jaw	LV 85	
----- Case of a boy who died of a gun-shot wound -----	LX 94	
WOOLLER, ----- Account of the fossil bones of an alligator found on the sea shore near Whitby, Yorkshire	L 786	
WOULFE, PETER. Experiments on the distillation of acids, volatile alkalies, &c. shewing how they may be condensed without loss, and how thereby we may avoid disagreeable and noxious fumes	LVII 517	
----- Experiments to shew the nature of Aurum Mosaicum -----	LXI 114	
----- Experiments on a new colouring substance from the island of Amsterdam in the South Seas -----	LXV 91	
----- Experiments on some mineral substances -----	LXVI 605	
WRAY, JOHN. Experiments on the motion of sap in trees	LXIX 11	
----- On the manner of spiders projecting their threads -----	IV 963	— 682
----- On the manner of spiders projecting their threads -----	V 2103	— 795
WREN, CHRISTOPHER. Theory of motion	III 867	I 459
----- The description of an instrument invented years ago, for drawing the out-lines of any object in perspective -----	IV 898	— 598
----- The generation of an hyperbolic cylindroid: demonstration; and the application thereof for grinding hyperbolic glasses, hinted at -----	— 961	— 188
----- A description of Dr. Chr. Wren's engine, designed for grinding hyperbolic glasses -----	— 1059	— 189
----- On finding a straight line equal to that of a cycloid -----	VIII 6150	— 116
WRIGHT, EDWARD, M. D. Microscopical observations Dec. 26, 1755	XLIX 553	
----- Account of a remarkable fossil Orthoceratites -----	— 670	
----- Account of an experiment by which it appears -----	672	

	Transf.	Abridg.
that salt of steel does not enter into the lacteal vessels; with remarks -	L 594	
WRIGHT, JOHN. Case of a cure of an aposthumation of the lungs -	XXIII 1379	V 223
WRIGHT, RICHARD. A method of procuring the small-pox at Haverfordwest -	XXXII 267	VII 620
WRIGHT, THOMAS. Relation of a land-flood, which has lately overwhelmed a great tract of land in the county of Suffolk, together with an account of the check, in part, given to it	III 722	II 455
— Account of two ancient camps in Hampshire	XLIII 273	XI 1295
— Account of an extraordinary tide in the river of Forth -	XLVI 412	X 583
— Account of the transit of Venus made at the isle of Coudre, near Quebec -	LIX 273	
— Immersions and emerfions of Jupiter's first satel- lite, observed at Jupiter's inlet in the island of Anticosta, North America; and the longitude of the place deduced from comparison, with observations made at the Royal Observatory at Greenwich, by the Astronomer Royal	LXIV 190	
WRIGHT, WILLIAM, M. D. Description of the Jesuits-bark tree of Jamaica, and the Caribbees	LXVII 504	
— Description and use of the cabbage-bark-tree in Jamaica -	— 507	
WROE, Rev. RICHARD. Two letters concerning horn-like excrescences growing on the fingers, &c. -	XXIV 1899	V 387
WURTZELBAUR, JOHN PHILIP. Observations on the variation of the magnetic needle, made at Nuremberg some years past, and in the present year 1685 -	XV 1253	II 609
— Observations of an eclipse of the Moon, Nov. 30, 1685 -	XVI 146	I 338
— Observations of the eclipse of Jupiter's satellites, March 31, 1686, at Nuremberg	— 177	— 364
— An account shewing that the latitude of Nurem- berg has continued without sensible alteration for 200 years last past, as likewise the obliquity of the ecliptick, by comparing them with what was observed, by B. Walther, in 1487	— 403	— 262
— An observation of a transit of Mercury under the Sun, Oct. 31, 1640, at Nurembourg	XVII 483	— 426
— Observations of an eclipse of the Sun, Sept. 13, 1699, at Nuremberg -	XXII 619	— 297
— Observations of an eclipse of the Sun, Feb. 19, 1718 -	XXX 820	II 268

Y.

	Transf.	Abridg.
YONGE, JAMES. Concerning the internal use of cantharides	XXIII 2010	V 405
— Case of a ball extracted from a person who had suffered by it 30 years, and in which was a plumb-stone	— 1279	— 261
— An account of balls of hair taken from the uterus and ovaria of several women	XXV 2387	
— Account of a bunch of hair voided by urine	XXVI 414	— 284
— Account of several solid bodies voided by urine	— 420	— 286
— Account of an unusual blackness of the face, and of several extra-uterine foetus's	— 424, 432	— 199, — 306
— A relation of an hydropical case, in which the gall-bladder was distended to an unusual bigness	XXVII 426	— 292
— The case of a woman who had her menses regularly to 70 years of age	XXVIII 236	— 360
YOUNG, CHARLES. Case of a luxated thigh bone reduced	LI 846	

Z.

ZANONI, —. Astronomical observations in Naples and Sicily	LVIII 196	
ZANOTTI, EUSTACHIO. Account of red lights seen in the air, Dec. 5, 1737, at Bononia	XLI 593	VIII 58
— The parabolic orbit of the comet of 1739, observed at Bologna	— 809	— 215
— Observations on the transit of Venus, June 6 1761, at Bologna	LII 399	
ZIMMERMAN, JAMES. Observations on the eclipse of Jupiter by the Moon, March 31, 1686	XVI 177	I 360
ZOLLMAN; PHILIP HENRY. An extract of a philosophical account of a new opinion concerning the origin of petrifications found in the earth, which have hitherto been ascribed to the universal deluge, written by Sig. Antonio Lazzaro Moro	XLIV 163	X 615

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